



**US Army Corps
of Engineers**

Construction Engineering
Research Laboratory

USA-CERL INTERIM REPORT P-88/15, VOL. I
MAY 1988

2

AD-A196 248

Facilities Engineering Management System Study

Volume I: An Automation Survey of Army Installation Directorates of Engineering and Housing

by

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The U.S. Army Construction Engineering Research Laboratory (USA-CERL) is conducting an indepth study of the Facilities Engineering Management System (FEMS), a system developed to manage and maintain the Army's real property.

In the first phase of this study, reported here, researchers gathered information to define the current automation status of Directorates of Engineering and Housing (DEHs). A series of questionnaires on Army standard, nonstandard, and user-developed ("home-grown") automated data processing packages was sent to DEHs at 80 installations. Volume I presents the results of the survey. Volume II identifies the major tasks performed by the Army installation DEH staff and the automated data processing systems or applications used to support those tasks.

88 6 14 115

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SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE				Form Approved OMB No 0704 0188 Exp Date Jun 30 1986	
1a REPORT SECURITY CLASSIFICATION Unclassified			1b RESTRICTIVE MARKINGS		
2a SECURITY CLASSIFICATION AUTHORITY			3 DISTRIBUTION/AVAILABILITY OF REPORT Approved for public release; distribution is unlimited.		
2b DECLASSIFICATION/DOWNGRADING SCHEDULE					
4 PERFORMING ORGANIZATION REPORT NUMBER(S) USA-CERL IR P-88/15, VOL. I			5 MONITORING ORGANIZATION REPORT NUMBER(S)		
6a NAME OF PERFORMING ORGANIZATION U.S. Army Construction Engr Research Laboratory		6b OFFICE SYMBOL (if applicable)	7a NAME OF MONITORING ORGANIZATION		
6c ADDRESS (City, State, and ZIP Code) P.O. Box 4005 Champaign, IL 61820-1305			7b ADDRESS (City, State, and ZIP Code)		
8a NAME OF FUNDING/SPONSORING ORGANIZATION Engineering and Housing Support Center		8b OFFICE SYMBOL (if applicable) CEHSC-F	9 PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER FAD 88-080037, November 1987		
8c ADDRESS (City, State, and ZIP Code) Fort Belvoir, VA 22060			10 SOURCE OF FUNDING NUMBERS		
			PROGRAM ELEMENT NO	PROJECT NO	TASK NO
			WORK UNIT ACCESSION NO		
11 TITLE (Include Security Classification) Facilities Engineering Management System Study Volume I: An Automation Survey of Army Installation Directorates of Engineering and Housing					
12 PERSONAL AUTHOR(S) Kim, Simon S.; Bailey, David M.; Baird, Joyce; Binder, Michael J.; (cont'd)					
13a TYPE OF REPORT interim		13b TIME COVERED FROM _____ TO _____		14 DATE OF REPORT (Year, Month, Day) 1988, May	
15 PAGE COUNT 215					
16 SUPPLEMENTARY NOTATION Copies are available from the National Technical Information Service Springfield, VA 22161					
17 COSATI CODES			18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number)		
FIELD	GROUP	SUB-GROUP	Information Systems, Surveys		
05	02		FEMS		
12	05		Facilities Engineering Management System, JLS		
19 ABSTRACT (Continue on reverse if necessary and identify by block number)					
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20 DISTRIBUTION/AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS			21 ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a NAME OF RESPONSIBLE INDIVIDUAL Gloria Wienke			22b TELEPHONE (Include Area Code) (217) 352-6511 x353		22c OFFICE SYMBOL CECER-IMT

DD FORM 1473, 84 MAR

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Brauer, Roger L.; Friederich, Steven D.; Goran, William D.; Hill, Sine L.;
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FOREWORD

This research was performed for the Facilities Engineering Division (now part of the Engineering and Housing Support Center), Office of the Assistant Chief of Engineers (OACE) using Operations and Maintenance, Army (OMA) funds supplied under Funding Authorization Document (FAD) 88-080037, dated November 1987. The Technical Monitor was Mr. Homer Musselman, CEHSC-F.

The work was performed by a study team composed of researchers from the Facility Systems, Engineering and Materials, Energy Systems, and Environmental Divisions of the U.S. Army Construction Engineering Research Laboratory (USA-CERL). The following individuals provided valuable input throughout preparation of the draft report: Ms. Linda McCarthy; Ms. Karna Bleich; and Dr. Ray Oldakowski, Project Coordinator at the University of Illinois Survey Research Laboratory. The Technical Editor was Gloria J. Wienke, USA-CERL Information Management Office.

COL Norman C. Hintz is Commander and Director of USA-CERL and Dr. L. R. Shaffer is Technical Director.



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DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
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Distribution/	
Availability Codes	
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**FACILITIES ENGINEERING MANAGEMENT SYSTEM STUDY
VOLUME I: AN AUTOMATION SURVEY OF ARMY INSTALLATION
DIRECTORATES OF ENGINEERING AND HOUSING**

1 INTRODUCTION

Background

The Facilities Engineering Management System (FEMS) is the methodology by which Headquarters, Department of the Army, the major commands, and installations maintain and manage the Army's real property.

An interdivisional study group of U.S. Army Construction Engineering Research Laboratory (USA-CERL) researchers was organized to conduct an indepth study of the system. The selected researchers were actively involved with projects affecting various aspects of Army installation Directorates of Engineering and Housing (DEHs). The mission was to examine all aspects of the system, including automation support.

The overall study goals were to describe how the Facilities Engineering Management (FEM) process is conducted, how Facilities Engineering functions are actually carried out in relationship to regulatory guidance, and to determine what changes are needed in each functional area.

The DEH Automation Survey was one of the major activities of the study during Fiscal Year (FY) 86. The FY87 activities included: (1) visiting selected installations and analyzing data collected during the visits, (2) documenting the FEMS as it currently exists, and (3) providing recommendations for future improvements. Those activities will be reported separately.

Objective

The objective of this segment of the study was to define the DEHs' current automation status.

Approach

A series of questionnaires was developed to gather information pertaining to the Army standard, nonstandard, and user-developed ("home-grown") automated data processing (ADP) systems that the DEHs use to perform their jobs. Questionnaire packages were sent to DEH divisions and their branches at 22 Training and Doctrine Command (TRADOC), 22 Forces Command (FORSCOM), and 36 Army Materiel Command (AMC) installations. Appendix A lists the installations and divisions surveyed and the division abbreviations used in this report.

Each questionnaire package contained multiple copies of three different forms. The responding DEH organizations were asked to supply ADP information as follows:

1. Form A. Information about the use of Army standard systems (fielded and supported systems such as IFS, STANFINS, FEJE, FESS, etc.).

2. Form B. Information about the use of nonstandard systems (systems known to be in use at many installations but were not officially fielded and supported, such as Micro 1391 Processor, computer-aided design packages, etc.) and information about systems or programs they would like to have (a "Wish List").

3. Form C. Information about systems or programs they have either developed themselves or had developed for them (home-grown systems).

Table 1* presents the questionnaire distribution and response rate for each of the forms. A complete listing of the installations and divisions responding to the survey is also included in Appendix A.

A Task Reference List included in the questionnaire package (Appendix B) contained a breakdown of various functions into tasks accomplished by the divisions in a typical DEH. This list was compiled from Army Regulation (AR) 5-3 and Department of the Army Pamphlet (DA PAM) 570-551.¹

Each questionnaire form asked the respondent to identify the task(s) for which specific systems were used. The information collected from this survey was analyzed to provide detailed information about each system and the individual DEH tasks. The tasks and systems used are listed by division in Volume II. Portions of the analysis were performed by the Survey Research Laboratory at the University of Illinois at Urbana-Champaign.

Mode of Technology Transfer

The Facilities Engineering Management System Study Team will use the results of this survey to recommend modifications and improvements to the Facilities Engineering Management process at the Engineering and Housing Support Center, and to suggest implementation strategies.

*Tables and figures are located at the end of the text, starting on p 12.

¹Army Regulation (AR) 5-3, *Installation Management and Organization* (Headquarters, Department of the Army [HQDA] 10 November 1986); Department of the Army Pamphlet (DA PAM) 570-551, *Staffing Guide For US Army Garrisons* (HQDA, 10 February 1978).

2 RESULTS FROM FORM A: ARMY STANDARD SYSTEMS

A total of 359 Form A questionnaires (Appendix B) were returned by 18 TRADOC, 19 FORSCOM, and 22 AMC installations. This form lists Army standard ADP systems. These systems are described in a brochure titled *DEH Automation* published for the Office of the Assistant Chief of Engineers by the U.S. Army Engineering and Housing Support Center (USAEHSC).

Form A asked respondents to: (1) identify the systems they used, (2) identify the DEH tasks on the Task Reference List that were accomplished using these systems, and (3) rank the effectiveness of the system as a management tool in performing the tasks (1 = very helpful, 2 = somewhat helpful, 3 = of little help, and 4 = not helpful at all). The results obtained from Form A are displayed in Tables 2, 3, and 4.

On examination of the data, the researchers noticed that several people had misinterpreted the meaning of the ranking choice 4. It appeared that this score was being chosen as a means to denote "not being used" as opposed to "not helpful at all." In an attempt to determine if this phenomenon would adversely affect the mean rating scores, the data was exposed to two different analyses as discussed below.

Because the study was concerned with examining how useful various ADP systems were to DEH managers, the quality of the results was more important than the quantity. It also seemed highly unlikely that people in different divisions would have and use every possible system. Therefore, the first analysis did not include the 4 scores if a respondent had consistently supplied DEH tasks for the systems ranked 1, 2, or 3, and had frequently circled 4 for the others without listing any tasks. The mean scores, MEAN1, were calculated in this manner. They are represented in Table 2 as solid squares. The MEAN1 scores reflect more accurately the usefulness and effectiveness of the systems for those people who use them in their management. The MEAN2 scores were calculated incorporating the 4 scores and are represented as open squares in Table 2.

The Army standard systems most helpful to DEH managers appear near the top of Table 2. Those which are the least helpful appear near the bottom of the table. PAX, STANFINS, NAFISS, 1391, PAXMAIL, FORWRD, FESS, TACAPS, SAILS and FEJE appeared to be the Army standard systems most helpful to DEHs.

Table 3 provides a summary of the total number of times DEH managers used the Army standard systems to accomplish specific tasks. The table shows the system name and the number of times any of the specific tasks were cited. An asterisk indicates that more than 40 tasks were itemized. Most frequently used systems include: CAPCES, ETIS, FEJE, FESS, FORWRD, IFDEP, IFS-1, ASSETS, RPMA MOD, FEMS MOD, PAX, PAXMAIL, SAILS, STANFINS, 1391, and VIABLE.

Table 4 shows which division used each standard system. Both EP&S and ERM are the major users.

The Form A section of Appendix C summarizes the tasks and rating scores for each ADP system. Part 2 of the Form A section is ranked by the task code and lists the name(s) of the system(s) used to accomplish that task, the respondent's ID code, and the rating.

3 RESULTS FROM FORM B: NONSTANDARD SYSTEMS

A total of 231 Form B questionnaires (Appendix B) were returned by 17 TRADOC, 18 FORSCOM, and 22 AMC installations. This form lists various nonstandard systems used by DEHs. Appendix D describes each of these nonstandard ADP systems, including a POC and the hardware and software requirements.

DEHs were asked to: (1) identify the systems they used, (2) identify the DEH tasks on the Task Reference List that were accomplished using these systems, and (3) rank the effectiveness of the system as a management tool (1 = very helpful to 4 = not helpful at all). The results obtained from Form B are displayed in Tables, 5, 6, and 7.

Two analyses were also performed on the Form B data. Again, the MEAN1 scores (solid squares) do not contain the 4 scores that could affect the data. The MEAN2 scores (open squares) incorporate the 4 scores.

The systems rated most helpful to the DEH manager appear near the top of Table 5. Those rated least helpful appear near the bottom of the table.

Table 6 summarizes the total number of times DEH managers used nonstandard systems to accomplish specific tasks. The table shows the system name and the number of times any of the specific tasks were cited. CADD, WOT-DC, and 1391 are nonstandard systems frequently used by managers.

Table 7 shows which division used each nonstandard system. The EP&S Division is again the predominant user.

The Form B section of Appendix C summarizes the tasks and rating scores for each ADP system. Part 2 of the Form B section is ranked by the task code and lists the name(s) of the system(s) used to accomplish that task, the respondent's ID code, and the rating.

Form B also provided a space for DEHs to list other systems they would find useful in performing their jobs. This request resulted in a Wish List. A total of 308 separate Wish List items were identified. Appendix E contains the Wish List sorted by the division of the respondent. Figure 1 shows the frequency of responses for each division.

Of the total number of new systems desired, the ERM and EP&S Divisions made the most requests, accounting for nearly half of the requests (49 percent). The other divisions displayed a fairly consistent need relative to the total number of desired systems (2 to 9 percent).

4 RESULTS FROM FORM C: HOME-GROWN SYSTEMS

A total of 193 Form C questionnaires (Appendix B) were returned by 16 TRADOC, 15 FORSCOM, and 17 AMC installations. Form C asked for specific information about systems developed by or for the DEHs (Appendix F). This form was previously used in a pilot study conducted at USA-CERL in Spring 1986 to obtain information about systems developed at the laboratory as a result of customer questions or requests. From the 193 responses, 167 different systems were identified.

Figure 2 shows the percentage of systems developed on mainframe, mini, and microcomputers. Of all home-grown systems, 74 percent were developed on micros. Figure 3 shows the current status of these home-grown systems. The majority of these systems (68 percent) are in full use.

Of the systems developed on mainframe computers, 96 percent were developed either on an IBM mainframe or on "OTHER" systems as shown in Figure 4. Site visits to various installations will allow the researchers to identify what the other systems are. Minicomputer use was similar. Of the systems developed on minis, 71 percent were developed on "OTHER" minicomputers (Figure 5).

IBM and compatible systems dominate microcomputer use with 77 percent of total system development being accomplished on these micros (Figure 6). Only 3 percent of the systems were developed on Apple computers. Figure 7 shows that 66 percent of developed systems were designed to be used on an IBM PC.

Figure 8 illustrates the amount of memory necessary to run the various home-grown systems. Most of these systems require more than 256Kb of internal memory. One factor in the demand for internal memory is simply the number of commercial software packages that the systems are based on. Figure 9 shows that only about 35 percent of the systems require hard disk space.

One question on Form C asked whether or not the home-grown system produced a standard report or form (Appendix G). Figure 10 shows that only 18 percent of the home-grown systems currently generate standard forms and reports. Figure 11 shows that about 56 percent of the home-grown systems do not use original programming code. Eighty-three percent of the surveyed sample used commercially available programs.

Figure 12 illustrates the types of commercial software used to develop home-grown systems. About 37 percent of the home-grown systems use data base managers and about 36 percent use spreadsheets.

Figure 13 shows the frequency of home-grown system development. The ERM, EP&S, EMO, and UT Divisions accounted for about 73 percent of new system development. Appendix F contains a complete listing of these home-grown systems sorted by the Division of the respondent.

Figure 14 indicates that ERM and EP&S Divisions developed the most home-grown systems and also had the largest Wish List. It appears that the nature of DEH management tasks has required and continues to need ADP systems.

5 SUMMARY

This survey examined which standard Army systems and nonstandard systems are used and how DEH managers rate their performance. The survey also collected information about home-grown systems developed by the DEHs and about systems they feel would improve their operations.

Analysis of the data from Form A indicated that PAX, STANFINS, 1391, PAXMAIL, FORWRD, TACAPS, SAILS, FEJE, and FESS were rated as the most helpful standard systems. EP&S and ERM Divisions appear to be the major users of the Army standard systems.

Analysis of the data from Form B illustrates that PB, RP, HNON, and HSCH were rated as the most helpful nonstandard systems. However, WOT-DC, CADD, and MICRO 1391 were the most frequently used systems. The EP&S and ERM Divisions use the nonstandard ADP systems most frequently to accomplish FE tasks.

DEHs would like:

- more hardware, e.g., PCs, IBM or compatibles, LANs
- more commercially available software, e.g., Framework, LOTUS, dBase
- the capability to download portions of data from Army standard systems (FESS, FEJE, and IFS especially) for use at the local levels
- service and work order systems to run on the PC or the Intel 310
- existing nonstandard systems such as WOT-DC, CMIT, RP, and OP.

Analysis of the data from Form C illustrates that 74 percent of home-grown systems were developed for use on microcomputers. Of the systems developed at DEHs, 68 percent were in full use. The EMO, ERM, EP&S, and UT Divisions were responsible for 73 percent of new system development.

Table 1

Questionnaire Distribution and Response Rate

	<u>AMC</u>	<u>TRADOC</u>	<u>FORSCOM</u>	<u>TOTAL</u>
Packages Sent	36	22	22	80
Form A Return	34	162	163	359
Form B Return	31	104	96	231
Form C Return	24	79	90	193

Table 2
Mean Rating Scores for Standard Systems

NAME	N1	MEAN1	N2	MEAN2	1	2	3
PAX	40	1.23	47	1.57	■	□	
STANFINS	27	1.33	35	1.89	■	□	
NAFISS	3	1.33	11	3.09	■		□
1391	61	1.34	67	1.54	■	□	
PAXMAIL	63	1.37	70	1.63	■	□	
FORWRD	48	1.42	55	1.69	■	□	
FESS	115	1.50	119	1.58	*		
TACAPS	8	1.50	16	2.75	■		□
SAILS	31	1.55	39	2.03	■	□	
FEJE	84	1.59	88	1.66	■	□	
FEEMS	10	1.60	17	2.47	■		□
ECONPACK	28	1.64	35	2.11	■	□	
AES	6	1.67	15	2.87	■		□
IFDEP	96	1.67	100	1.73	■	□	
ETIS	27	1.71	34	2.18	■	□	
PB MOD	17	1.71	23	2.13	■	□	
HOMES	4	1.75	12	3.17	■		□
HQIFS	24	1.75	29	2.10	■	□	
SIDPERS	9	1.78	16	2.44	■		□
CAPCES	25	1.80	32	2.28	■	□	
FEMS MOD	80	1.85	85	1.94	■	□	
HIMS	17	1.88	23	2.44	■	□	
ASSETS	57	1.93	62	2.05	■	□	
ASIP	21	1.95	29	2.45	■	□	
EFS	4	2.00	12	3.33	■		□
PMS	4	2.00	11	3.18	■		□
IFS-1	70	2.04	74	2.10	■	□	
RPMA MOD	62	2.05	68	2.18	■	□	
PAVER	14	2.07	21	2.57	■	□	
DDES	9	2.11	17	3.00	■		□
VIABLE	91	2.13	98	2.25	■	□	
ACTS	17	2.18	24	2.67	■	□	
DEIS	19	2.26	26	2.73	■	□	
DSS	3	2.33	10	3.50	■		□
COEMIS	3	2.33	11	3.55	■		□
ADDS	10	2.50	19	3.16	■		□
SAM	6	2.50	13	3.15	■		□
MCPRS	2	3.00	10	3.80	■		□
JUMPS	6	3.17	13	3.46	■		□
CEPFDCS	0	0.00	8	4.00			
PFDCS	0	0.00	8	4.00			

NOTES

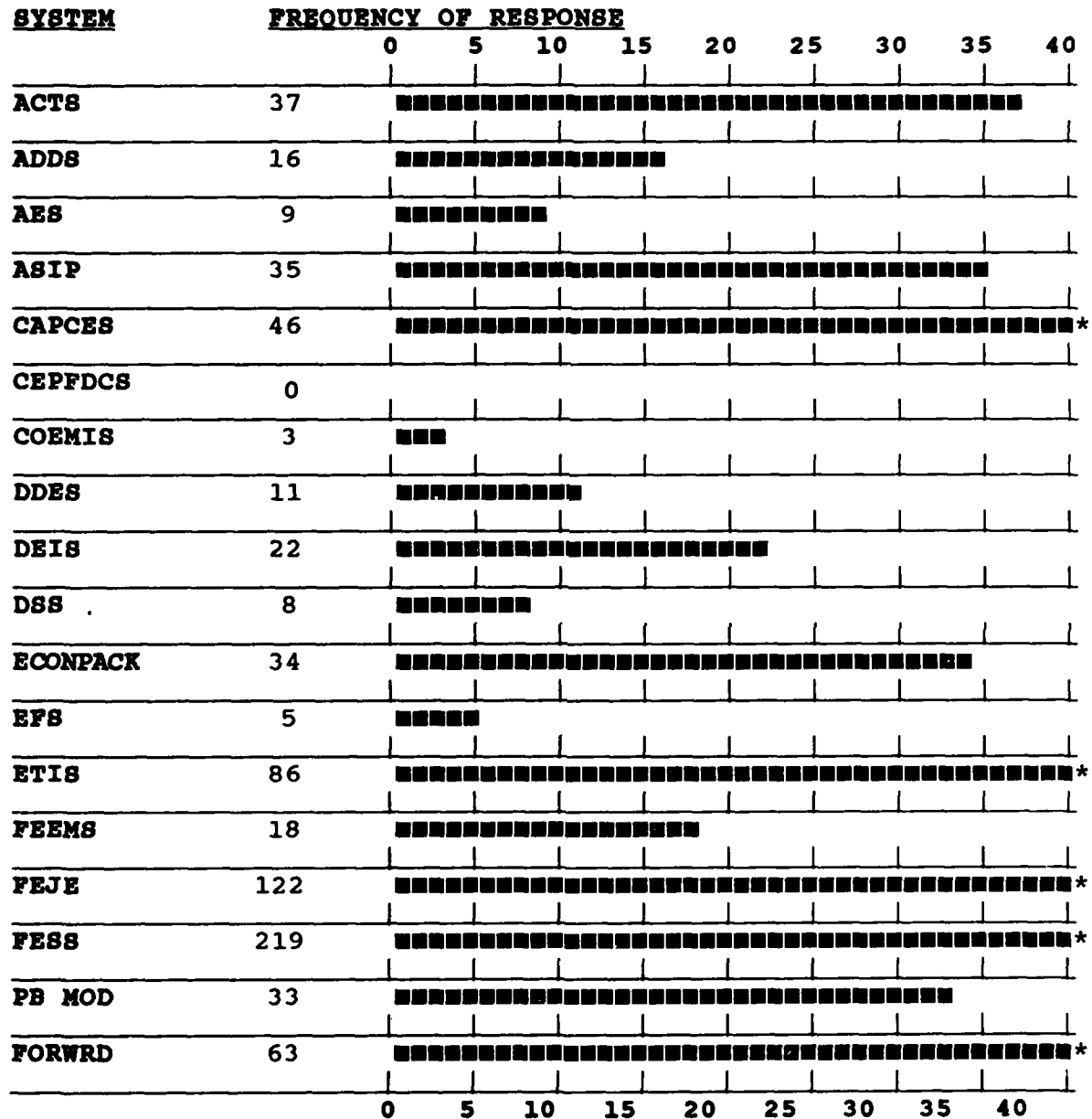
1=VERY HELPFUL **2**=SOMEWHAT HELPFUL **3**=LITTLE HELP **4**=NOT HELPFUL/USED

N1 = AMOUNT OF RESPONSES NOT USING ALL "4" SCORES CREATING **MEAN1** ■

N2 = AMOUNT OF RESPONSES USING ALL "4" SCORES CREATING **MEAN2** □

Table 3

Frequency of Standard System Use



*More than 40 tasks were itemized.

Table 3 (Cont'd)

<u>SYSTEM</u>		<u>FREQUENCY OF RESPONSE</u>								
		0	5	10	15	20	25	30	35	40
HIMS	26									
HOMES	6									
HQIFS	33									
IFDEP	165									*
IFS-1	116									*
ASSETS	90									*
RPMA MOD	94									*
FEMS MOD	142									*
JUMPS	10									
MCPRS	3									
NAFISS	4									
PAVER	26									
PAX	73									*
PAXMAIL	95									*
PFDCS	0									
PMS	9									
SAILS	51									*
SAM	6									
SIDPRS	13									
STANFINS	51									*
TACAPS	11									
1391	87									*
VIALE	143									*

Use of System by Division: Standard Systems

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Table 4 (Cont'd)[illegible]

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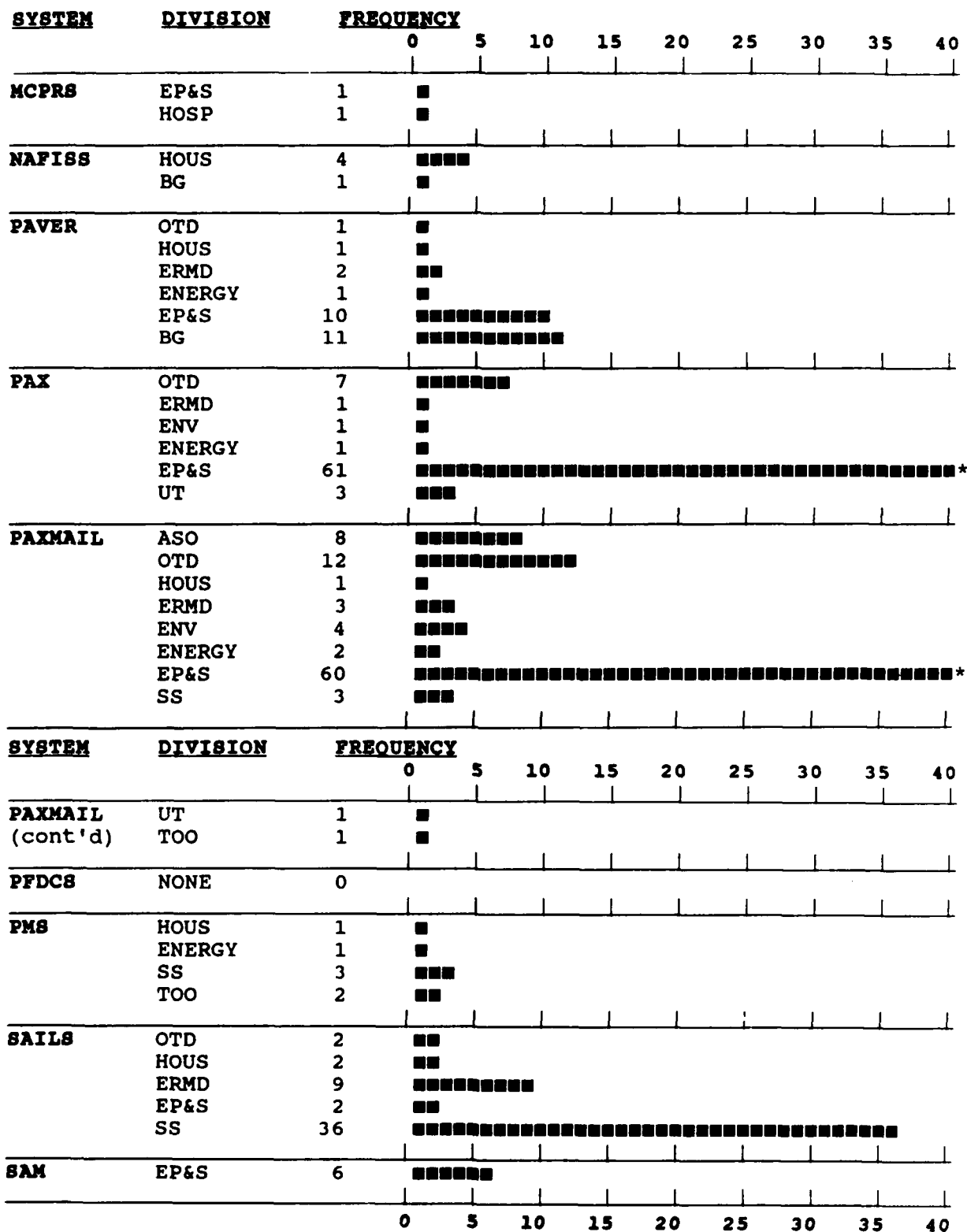


Table 4 (Cont'd)

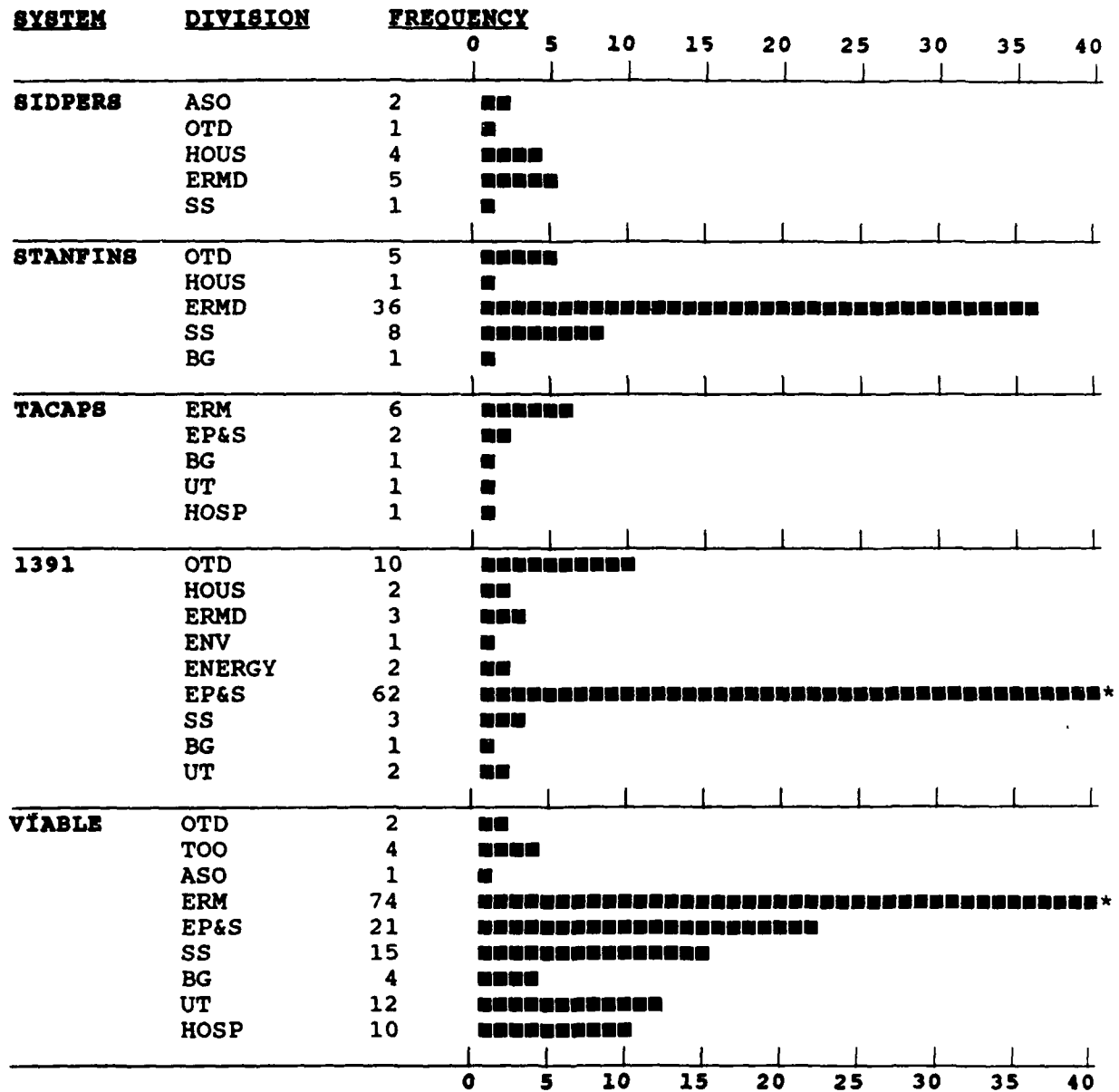


Table 5

Mean Rating Scores for Nonstandard Systems

SYSTEM	N1	MEAN1	N2	MEAN2	1	2	3	4
PB	4	1.00	13	3.01	■		□	
RP	3	1.00	12	3.25	■		□	
HNON	1	1.00	10	3.70	■			□
HSCH	2	1.00	11	3.46	■			□
1391	14	1.07	22	2.14	■	□		
OP	4	1.17	13	3.15	■		□	
PIPER	5	1.20	13	2.69	■		□	
CADD	9	1.33	16	2.50	■	□		
SCH	3	1.67	12	3.42	■		□	
CMIT	6	1.83	15	3.13	■		□	
WOT-DC	10	1.90	19	2.83	■		□	
VAIS	5	2.00	14	3.29	■		□	

NOTES

1=VERY HELPFUL 2=SOMEWHAT HELPFUL 3=LITTLE HELP 4=NOT HELPFUL/USED

N1 = AMOUNT OF RESPONSES NOT USING ALL "4" SCORES CREATING MEAN1 ■

N2 = AMOUNT OF RESPONSES USING ALL "4" SCORES CREATING MEAN2 □

Table 6
Frequency of Nonstandard System Use

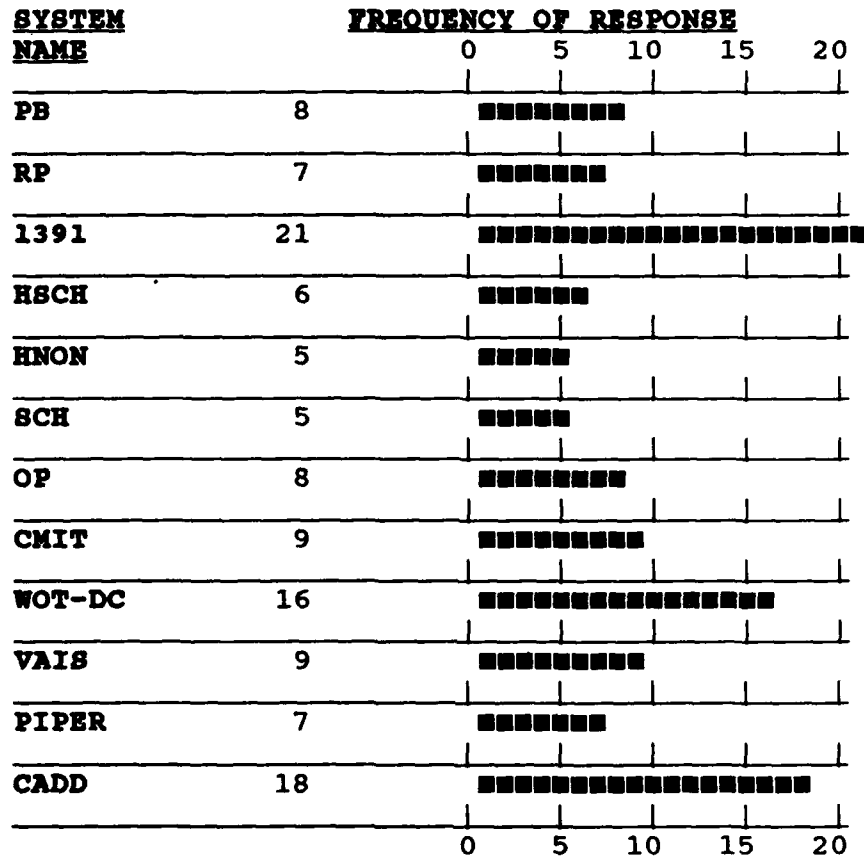


Table 7

Use of Systems by Division: Nonstandard Systems

SYSTEM NAME	DIVISIONS	FREQUENCY	FREQUENCY				
			0	5	10	15	20
PB	EP&S	2	■ ■				
	SS	5	■ ■ ■ ■ ■				
	FP	1	■				
RP	EP&S	3	■ ■ ■				
	FP	3	■ ■ ■				
	H	1	■				
1391	EP&S	19	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■				
	UT	1	■				
	H	1	■				
HSCH	H	6	■ ■ ■ ■ ■ ■				
HNON	H	5	■ ■ ■ ■ ■				
SCH	TOO	1	■				
	EP&S	3	■ ■ ■				
	FP	1	■				
OP	ERM	8	■ ■ ■ ■ ■ ■ ■ ■				
CMIT	ERM	8	■ ■ ■ ■ ■ ■ ■ ■				
	UT	1	■				
WOT-DC	ERM	11	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■				
	EP&S	2	■ ■				
	UT	1	■				
	FP	1	■				
	H	1	■				
VAIS	ERM	4	■ ■ ■ ■				
	EP&S	3	■ ■ ■				
	BG	1	■				
	FP	1	■				
PIPER	ERM	1	■				
	EP&S	3	■ ■ ■				
	BG	2	■ ■				
	UT	1	■				
	FP	3	■ ■ ■				
CADD	EP&S	15	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■				

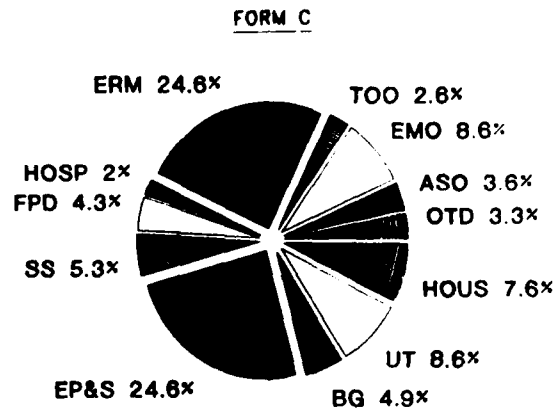


Figure 1. Wish List systems by Division.

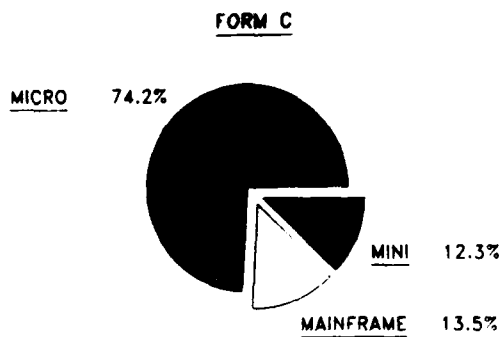


Figure 2. System size requirements.

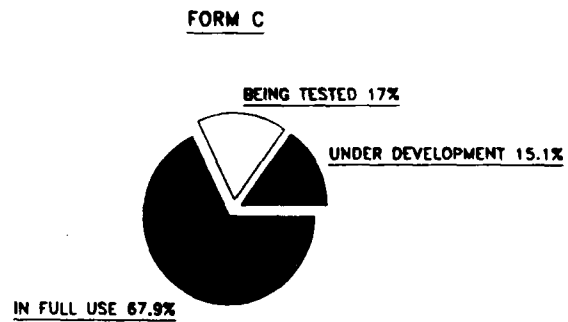


Figure 3. Status of home-grown systems.

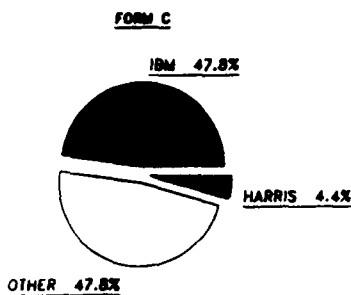


Figure 4. Types of mainframes used.

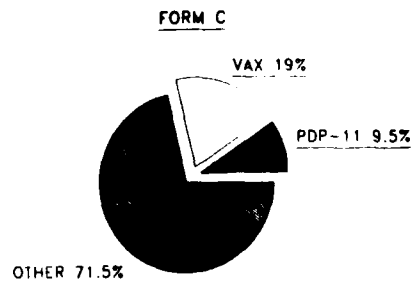


Figure 5. Types of minicomputers used.

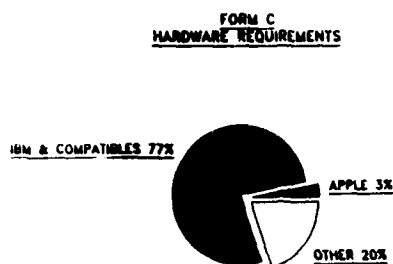


Figure 6. Types of microcomputers used.

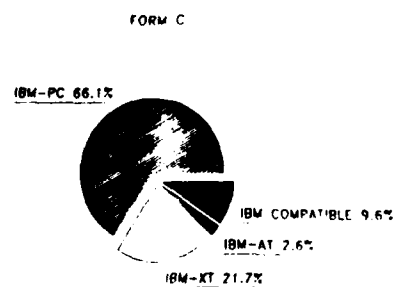


Figure 7. Types of IBM microcomputers used.

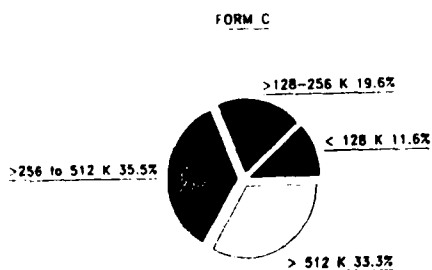


Figure 8. Amount of memory needed.

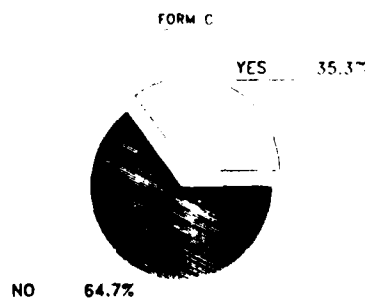


Figure 9. Percentage of systems needing hard disk space.

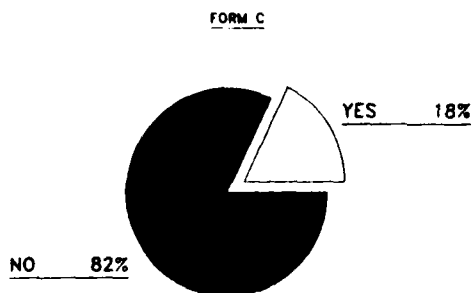


Figure 10. Proportion of standard forms generated by home-grown systems.

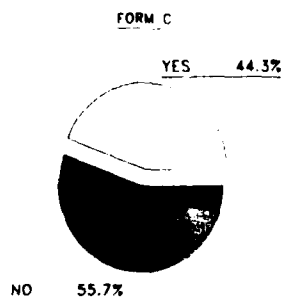


Figure 11. Percentage of systems created using original programming code.

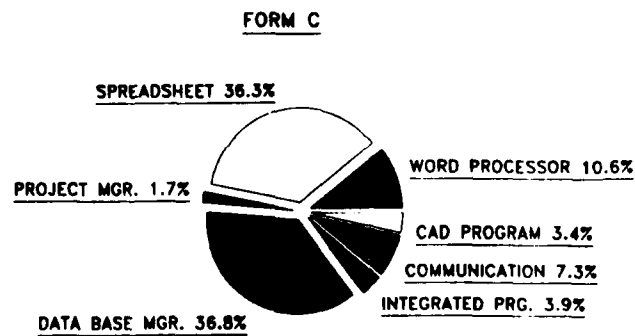


Figure 12. Commercial software packages used to develop home-grown systems.

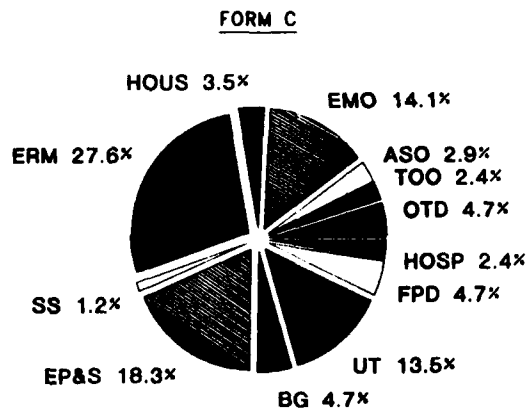


Figure 13. Development of home-grown systems.

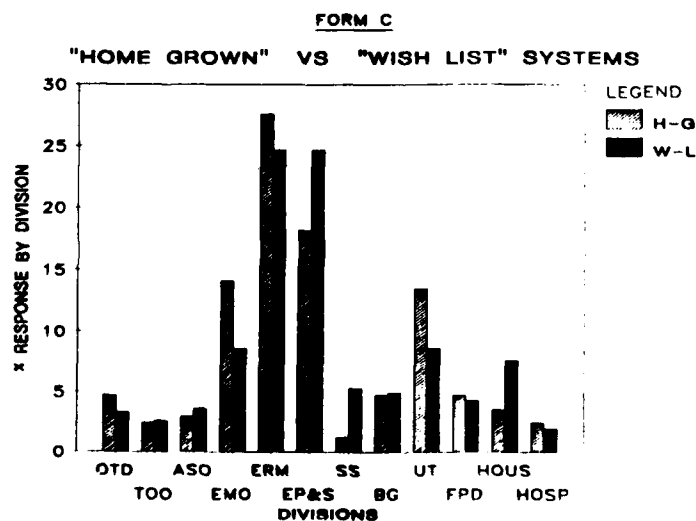


Figure 14. Comparison of home-grown and Wish List systems.

APPENDIX A:

INSTALLATIONS INCLUDED IN SURVEY AND DEH ABBREVIATIONS

TRADOC INSTALLATIONS

FT HILL, VA (ATZM-FHE)
FT BELVOIR, VA (ATZA-DEH)
FT BENNING, GA (ATZB-EH)
FT BLISS, TX (ATZC-DEH)
FT CARLISLE BARRACKS, PA
(ATZE-DE)
FT CHAFFEE, AR (ATZR-ZF)
FT DIX, NJ (ATZD-EHZ)
FT EUSTIS, VA (ATZE-EH)
FT GORDON, GA (ATZH-FE)
FT HAMILTON, NY (ATZD-FHE)
FT BEN HARRISON, IN (ATZI-FE)
FT JACKSON, SC (ATZJ-EH)
FT KNOX, KY (ATZK-EH)
FT LEAVENWORTH, KS (ATZL-TEH)
FT LEE VA (ATZM-E)
FT LEONARD WOOD, MO (ATZT-DEH)
FT MCCLELLEN, AL (ATZN-FE)
FT MONROE, VA (ATZG-EH)
PICKETT, VA (ATZM-FPE)
FT RUCKER, AL (ATZQ-EH)
FT SILL, OK (ATZR-E)
FT STORY, VA (ATZF-FE)

AMC INSTALLATIONS

MCALESTER AMMO PLANT
(SMCMC-ISF)
PINE BLUFF ARSENAL (SMCPB-FE)
ROCK ISLAND ARSENAL (SMCRI-FE)
ROCKY MOUNTAIN ARSENAL
(SMCRM-ISF)
WATERVLIET ARSENAL (SMCWV-EH)
FT MONMOUTH, NJ
(AMSEL-HI) (SHLHI-EH)
REDSTONE ARSENAL, AL
(AMSMI-RA-FE)
SEFRIDGE ANG, MI (AMSTA-XYN)
WARREN, MI (AMSTA-XWEP)
ABERDEEN PROVING GD, MD
(STEAP-FE)
DUGWAY, UT (STEDP-FE)
MADISON, IN (STEJP-LD-F)
WHITE SANDS, NM (STEPS-IS-E)
YUMA, AZ (STEYP-FE)
CHAMBERSBURG, PA (SDSLE-SF)
ANNISTON, AL (SDSAN-DAS-FE)
CORPUS CHRISTI, TX (SDSCC-EF)
LEXINGTON, KY (SDSLB-LAF)
NEWCUMBERLAND, PA (SDSNC-AF)
PUEBLO, CO (SDSTE-PUA-F)

FORSCOM INSTALLATIONS

FT BRAGG, NC (ATZA-DE)
FT CAMPBELL, KY (AFZB-DEH)
FT CARSON, CO (AFZC-FE)
FT DEVENS, MA (AFZD-FE)
FT DRUM, NY (AFZS-EH)
FT GREELY, AK (AFZT-FE)
FT HOOD, TX (AFZF-DE)
FT LEWIS, WA (AFZH-FE)
FT MACARTHUR, CA
FT MCCOY, WI (AFZR-FE)
FT MCPHERSON, GA (AFZK-EH)
FT MEADE, MD (AFZI-FE)
FT ORD, CA (AFZW-EH)
FT POLK, AL (AFZX-FE)
FT RICHARDSON, AK (AFZT-FE)
FT RILEY, KS (AFZN-FE)
PRESIDIO OF SF (AFZM-FE)
FT SHERIDAN, IL (AFZO-FE)
FT STEWART, GA (AFZP-DE)
FT WAINWRIGHT, AK (AFZT-FE)
FT HUNTER, GA (AFZP-DE(H))
FT IRWIN, CA (AFZJ-FE)

AMC INSTALLATIONS (CONT)

TEXARKANA, TX (SDSRR-AE)
SACRAMENTO, CA (SDSSA-ACC)
SAVANNA ARMY DEPOT (SDSLE-VAE)
LATHROP, CA (SDSSH-AFE-C)
ROMULUS, NY (SDSSE-AD)
HERLONG, CA (SDSSI-FE)
TOBYHANNA, PA (SDSTO-AF)
TOOELE, UT (SDSTE-ASF)
FLAGSTAFF, AZ (AZND-DAS-FE)
HERMISTON, OR (SDSTE-UA-AS-FE)
TANK-AUTO CMD (AMSTA-XE)
DOVER, NJ (SMCAR-ISE)
NATICK, MA (STRNC-DF)
GRANIT CITY, IL (SAVAS-IF-C)
WATERTOWN, MA (AMXMR-T)
ADELPHI, MD (SLCIS-FE-ES)

DEH ABBREVIATIONS

Administration Office - (ASO)
Office of the Director - (OTD)
Housing Division - (HOUS)
 Family Housing Branch
 Bachelor Officers Quarters Branch
 Troop Billets Branch
 Furnishings Management Branch
Engineer Resources Management Division - (ERM)
 Estimating & Facility Inspection Branch
 Management Engineering & System Branch
 Work Reception & Scheduling Branch
 Programming & Budget Branch
Environmental Division - (EMO)
Energy Division - (Combined with Utilities Division)
Engineering Plans and Services Division - (EP&S)
 Engineering & Services Branch
 Master Planning Branch
 Construction Inspection Branch
Supply and Storage Division - (SS)
 Property Control Branch
 Storage Branch
Fire Protection Division - (FP)
Building and Grounds Division - (BG)
 Off-Post Facilities Branch
 Building & Structures Branch
 Land Management Branch
 Roads & Railroads Branch
Utilities Division - (UT)
 Mechanical Branch
 Electrical Branch
 Sanitation Branch
Engineer Troop Operations Division - (TOO)
Hospital Division - (HOSP)

RESPONDING INSTALLATIONS AND DIVISIONS
(with ID codes)

TRADOC

Ft. A. P. Hill

ATTN: Directorate of Engineering and Housing/Facility Engineering
Bowling Green, VA 22427

0104 Engineering Resources Management Division
0107 Engineering Plans and Services Division
0108 Supply and Storage Division
0110 Building and Grounds Division
0111 Utilities Division

Ft. Belvoir

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Belvoir, VA 22060

0207 Engineering Plans and Services Division

Ft. Benning

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Benning, GA 31905

0301 Administration Office
0302 Office of the Director
0304 Engineering Resources Management Division
0307 Engineering Plans and Services Division
0308 Supply and Storage Division
0309 Fire Protection Division
0311 Utilities Division
0312 Engineer Troop Operations Division

Ft. Bliss

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Bliss, TX 79916

0402 Office of the Director
0403 Housing Division
0404 Engineering Resources Management Division
0406 Environmental Division
0407 Engineering Plans and Services Division
0408 Supply and Storage Division
0410 Building and Grounds Division
0411 Utilities Division

Carlisle Barracks

ATTN: Directorate of Engineering and Housing/Facility Engineering
Carlisle Barracks, PA 17013

0503 Housing Division
0504 Engineering Resources Management Division
0510 Building and Grounds Division

Ft. Chaffee

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Chaffee, AR 72905

0610 Building and Grounds Division
0611 Utilities Division

Ft. Dix

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Dix, NJ 08640

0701 Administration Office
0702 Office of the Director
0704 Engineering Resources Management Division
0707 Engineering Plans and Services Division
0708 Supply and Storage Division
0710 Building and Grounds Division
0713 Hospital Division

Ft. Eustis

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Eustis, VA 23604

0803 Housing Division
0804 Engineering Resources Management Division
0805 Environmental Division
0806 Energy Division
0807 Engineering Plans and Services Division
0808 Supply and Storage Division
0812 Engineer Troop Operations Division

Ft. Gordon

ATTN: DFE
Ft. Gordon, GA 30905

0907 Engineering Plans and Services Division

Ft. Benjamin Harrison

ATTN: Directorate of Engineering and Housing/Facility Engineering
Indianapolis, IN 46216

1104 Engineering Resources Management Division
1107 Engineering Plans and Services Division
1110 Building and Grounds Division
1111 Utilities Division

Ft. Knox

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Knox, KY 40121

1303 Housing Division
1304 Engineering Resources Management Division
1306 Energy Division
1307 Engineering Plans and Services Division
1308 Supply and Storage Division
1310 Building and Grounds Division
1312 Engineer Troop Operations Division

Ft. Leavenworth

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Leavenworth, KS 66027

1401 Administration Office
1402 Office of the Director
1403 Housing Division
1404 Engineering Resources Management Division
1405 Environmental Division
1406 Energy Division
1407 Engineering Plans and Services Division
1408 Supply and Storage Division
1410 Building and Grounds Division
1413 Hospital Division

Ft. Lee

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Lee, VA 23801

1501 Administration Office
1503 Housing Division
1504 Engineering Resources Management Division
1505 Environmental Division
1506 Energy Division
1507 Engineering Plans and Services Division
1508 Supply and Storage Division
1509 Fire Protection Division
1511 Utilities Division

Ft. Leonard Wood

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Leonard Wood, MO 65473

1602 Office of the Director
1604 Engineering Resources Management Division
1606 Energy Division
1607 Engineering Plans and Services Division
1608 Supply and Storage Division
1609 Fire Protection Division
1610 Building and Grounds Division
1612 Engineer Troop Operations Division

Ft. McClellan

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. McClellan, AL 36205

1701 Administration Office
1703 Housing Division
1704 Engineering Resources Management Division
1705 Environmental Division
1708 Supply and Storage Division
1709 Fire Protection Division
1710 Building And Grounds Division

Ft. Monroe

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Monroe, VA 23651

1801 Administration Office
1802 Office of the Director
1804 Engineering Resources Management Division
1805 Environmental Division
1806 Energy Division
1807 Engineering Plans and Services Division
1810 Building And Grounds Division
1811 Utilities Division
1812 Engineer Troop Operations Division

Ft. Rucker

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Rucker, AL 36362

2001 Administration Office
2003 Housing Division
2005 Environmental Division
2006 Energy Division
2007 Engineering Plans and Services Division
2008 Supply and Storage Division

Ft. Sill

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Sill, OK 73503

2102 Office of the Director
2104 Engineering Resources Management Division
2105 Environmental Division
2106 Energy Division
2107 Engineering Plans and Services Division
2110 Building And Grounds Division
2111 Utilities Division
2112 Engineer Troop Operations Division

FORSCOM

Ft. Bragg

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Bragg, NC 28307

2303 Housing Division
2304 Engineering Resources Management Division
2305 Environmental Division
2306 Energy Division
2307 Engineering Plans and Services Division
2308 Supply and Storage Division
2309 Fire Protection Division
2311 Utilities Division
2312 Engineer Troop Operations Division

Ft. Campbell

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Campbell, KY 42223

2403 Housing Division
2404 Engineering Resources Management Division
2406 Energy Division
2407 Engineering Plans and Services Division
2410 Building And Grounds Division
2411 Utilities Division
2413 Hospital Division

Ft. Carson

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Carson, CO 80913

2501 Administration Office
2502 Office of the Director
2503 Housing Division
2505 Environmental Division
2508 Supply and Storage Division
2512 Engineer Troop Operations Division

Ft. Devens

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Devens, MA 01433

2604 Engineering Resources Management Division
2605 Environmental Division
2606 Energy Division
2607 Engineering Plans and Services Division
2608 Supply and Storage Division
2610 Building And Grounds Division
2612 Engineer Troop Operations Division

Ft. Drum

ATTN: Directorate of Engineering and Housing/Facility Engineering
Watertown, NY 13601

2704 Engineering Resources Management Division
2707 Engineering Plans and Services Division
2708 Supply and Storage Division
2709 Fire Protection Division

Ft. Greely

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Greely, AK 98733

2801 Administration Office
2803 Housing Division
2804 Engineering Resources Management Division
2808 Supply and Storage Division

Ft. Hood

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Hood, TX 76544

2902 Office of the Director
2903 Housing Division
2904 Engineering Resources Management Division
2905 Environmental Division
2907 Engineering Plans and Services Division
2908 Supply and Storage Division
2909 Fire Protection Division
2910 Building And Grounds Division

Ft. Lewis

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Lewis, WA 98433-5000

3001 Administration Office
3002 Office of the Director
3003 Housing Division
3004 Engineering Resources Management Division
3005 Environmental Division
3007 Engineering Plans and Services Division
3008 Supply and Storage Division
3010 Building And Grounds Division
3011 Utilities Division
3012 Engineer Troop Operations Division

Ft. McCoy

ATTN: Directorate of Engineering and Housing/Facility Engineering
Sparta, WI 54656

3203 Housing Division
3204 Engineering Resources Management Division
3205 Environmental Division
3212 Engineer Troop Operations Division
3213 Hospital Division

Ft. McPherson

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. McPherson, GA 30330

3301 Administration Office
3303 Housing Division
3304 Engineering Resources Management Division
3306 Energy Division
3307 Engineering Plans and Services Division
3308 Supply and Storage Division
3309 Fire Protection Division
3312 Engineer Troop Operations Division

Ft. George G. Meade

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. George G. Meade, MD 20755

3401 Administration Office
3413 Hospital Division

Ft. Ord

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Ord, CA 93941

3504 Engineering Resources Management Division
3505 Environmental Division
3507 Engineering Plans and Services Division
3511 Utilities Division
3513 Hospital Division

Ft. Polk

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Polk, LA 71459

3604 Engineering Resources Management Division
3605 Environmental Division
3607 Engineering Plans and Services Division
3608 Supply and Storage Division
3611 Utilities Division
3612 Engineer Troop Operations Division
3613 Hospital Division

Ft. Richardson

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Richardson, AK 99505

3701 Administration Office
3703 Housing Division
3704 Engineering Resources Management Division
3705 Environmental Division
3707 Engineering Plans and Services Division

Ft. Riley

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Riley, KS 66442

3801 Administration Office
3803 Housing Division
3804 Engineering Resources Management Division
3806 Energy Division
3807 Engineering Plans and Services Division
3812 Engineer Troop Operations Division

Presidio of San Francisco

ATTN: Directorate of Engineering and Housing/Facility Engineering
Presidio of San Francisco, CA 94129

3903 Housing Division
3904 Engineering Resources Management Division
3909 Fire Protection Division
3912 Engineer Troop Operations Division

Ft. Sheridan

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Sheridan, IL 60037

4001 Administration Office
4003 Housing Division
4004 Engineering Resources Management Division
4005 Environmental Division
4007 Engineering Plans and Services Division
4008 Supply and Storage Division
4010 Building And Grounds Division

Ft. Stewart

Attn: Directorate of Engineering and Housing/Facility Engineering
Ft. Stewart, GA

4103 Housing Division
4105 Environmental Division
4106 Energy Division
4107 Engineering Plans and Services Division
4113 Hospital Division

Ft. Wainwright

ATTN: Directorate of Engineering and Housing/Facility Engineering
Ft. Wainwright, AK 99703

4303 Housing Division
4304 Engineering Resources Management Division
4307 Engineering Plans and Services Division
4308 Supply and Storage Division

Ft. Hunter

ATTN: Directorate of Engineering and Housing/Facility Engineering
Fort Stewart, GA 31313

4411 Utilities Division

AMC

McAlester Army Ammo Plant

ATTN: SMCMC-ISF
OK 74501-5000

4501 Administration Office
4502 Office of the Director
4506 Energy Division
4507 Engineering Plans and Services Division

Pine Bluff Arsenal

ATTN: SMC PB-FE

AR 71602-9500

4604 Engineering Resources Management Division

4608 Supply and Storage Division

Rock Island Arsenal

ATTN: SMCRI-FE

Rock Island, IL 61299-5000

4704 Engineering Resources Management Division

4707 Engineering Plans and Services Division

Rocky Mountain Arsenal

ATTN: SMC RM-ISF

CO 80022-2180

4804 Engineering Resources Management Division

4807 Engineering Plans and Services Division

4810 Building And Grounds Division

Watervliet Arsenal

ATTN: SMC WV-EH

Watervliet, NY 12189-5000

4904 Engineering Resources Management Division

Redstone Arsenal Support Activity

ATTN: AMSMI-RA-FE

Redstone Arsenal, AL 35898-5000

5104 Engineering Resources Management Division

5106 Energy Division

5107 Engineering Plans and Services Division

5109 Fire Protection Division

U.S. Army Dugway Proving Ground

ATTN: STEDP-FE

Dugway, UT 84022-5000

5507 Engineering Plans and Services Division

White Sands Missile Range

ATTN: STEWS-IS-E

White Sands Missile Range, NM 88002-5076

5707 Engineering Plans and Services Division

U.S. Army Yuma Proving Ground

ATTN: STEYP-FE

Yuma, AZ 85365-9102

5806 Energy Division

5807 Engineering Plans and Services Division

5810 Building And Grounds Division

Letterkenny Army Depot

ATTN: SDSLE-SF

Chambersburg, PA 17201-4150

5904 Engineering Resources Management Division

5905 Environmental Division

5907 Engineering Plans and Services Division

5908 Supply and Storage Division

5909 Fire Protection Division

5910 Building And Grounds Division

Anniston Army Depot

ATTN: SDSAN-DAS-FE

Anniston, AL 36201

6009 Fire Protection Division

Corpus Christi Army Depot

ATTN: SDSCC-EF

Corpus Christi, TX 78419-6020

6107 Engineering Plans and Services Division

Red River Army Depot

ATTN: SDSRR-AE

Texarkana, TX 75507-5000

6506 Energy Division

Sierra Army Depot

ATTN: SDSSI-FE

Herlong, CA 96113-5000

7004 Engineering Resources Management Division

Navajo Army Depot Activity

ATTN: AZND-DAS-FE

Flagstaff, AZ 86001-5000

7307 Engineering Plans and Services Division

U.S. Army Armament Research, Development and Engineering Center
ATTN: SMCAR-ASE
Dover, NJ 07801-5001

7604 Engineering Resources Management Division

U.S. Army St. Louis Area Support Center
ATTN: SAVAS-IF-C
Granite City, IL 62040-1801

7804 Engineering Resources Management Division
7807 Engineering Plans and Services Division

U.S. Army Materials Technology Laboratory
ATTN: AMXMR-T
Arsenal Street
Watertown, MA 02172-0001

7904 Engineering Resources Management Division

San Bernadino

9104 Engineering Resources Management Division
9107 Engineering Plans and Services Division

Royal Oak, MI

9204 Engineering Resources Management Division

APPENDIX B:

SURVEY FORMS A, B, C AND TASK REFERENCE LIST

DIRECTORATE OF ENGINEERING AND HOUSING MANAGEMENT SYSTEM STUDY

FORM A

STANDARD SYSTEMS

INSTRUCTIONS

This form deals with **standard systems** used for Directorate of Engineering and Housing Management activities. Most of these systems run on mainframe computers.

- Below is a list of **standard systems** and their acronyms. Look through the list and note which systems you use for your Branch's DEH activities. The list continues on the back of the sheet.
- Then refer to columns **A** and **B** at the right of the list. Also, have the **Task Reference List** handy. For those systems you identified:
 - Enter in Column **A** the number(s) and letter(s) associated with the **task(s)** from the **Task Reference List** which best describe what you use each system for.
 - **Rate** in Column **B** how helpful you find each system. Circle the number that best represents your opinion.

1 = very helpful 3 = of little help
2 = somewhat helpful 4 = not helpful at all

- Please remember to fill out columns **A** and **B** for **ONLY** those systems used.

MAJOR SYSTEM		A	B			
ACTS	Army Criteria Tracking System		1	2	3	4
ADDS	Army DEIS System		1	2	3	4
AES	Army Energy Systems		1	2	3	4
ASIP	Army Stationing and Installation Plan		1	2	3	4
CAPCES	Construction Appropriations Programming, Control and Execution System		1	2	3	4
CEPFDCS	Corps of Engineers Program and Fund Distribution Control System		1	2	3	4
COEMIS	Corps of Engineers Management Information System		1	2	3	4
DDES	DEIS Data Entry System		1	2	3	4
DEIS	Defense Energy Information System		1	2	3	4
DSS	Directed Stationing System		1	2	3	4
ECONPACK	Economics Package		1	2	3	4
EFS	Energy Functions System		1	2	3	4
ETIS	Environmental Technical Information System		1	2	3	4

Continued on the reverse side

FORM A (page 2)

MAJOR SYSTEM		A	B			
FEEMS	Facilities Engineering Equipment Maintenance System		1	2	3	4
FEJE	Facilities Engineering Job Estimating System		1	2	3	4
FESS	Facilities Engineering Supply System		1	2	3	4
	Property Book Module		1	2	3	4
	FORWRD Word Processing System Module		1	2	3	4
HIMS	Housing Info. Management System		1	2	3	4
HOMES	Housing Operations Management System		1	2	3	4
HQIFS	Headquarters Level Integrated Facilities System		1	2	3	4
IFDEP	Integrated Facilities Data Entry Process		1	2	3	4
IFS-1	Integrated Facilities System, Increment 1		1	2	3	4
	ASSETS Module		1	2	3	4
	RPMA Module		1	2	3	4
	FEMS Module		1	2	3	4
JUMPS	Joint Uniform Military Pay System		1	2	3	4
MCPRS	Military and Civil Progress Reporting System		1	2	3	4
NAFISS	Nonappropriated Fund Information Standard System		1	2	3	4
PAVER	Pavement Maintenance Management		1	2	3	4
PAX	Military Construction Programming, Administration and Execution System		1	2	3	4
PAXMAIL	Pax Electronic Mail System		1	2	3	4
PFDCS	Program and Fund Distribution Control System		1	2	3	4
PMS	Project Management System		1	2	3	4
SAILS	Standard Army Intermediate Level System		1	2	3	4
SAM	Stationing Analysis Model		1	2	3	4
SIDPERS	Standard Installation Division Personnel System		1	2	3	4
STANFINS	Standard Army Finance System		1	2	3	4
TACAPS	Theater Army Construction Automated Planning System		1	2	3	4
VIABLE	Vertical Installation Automated Baseline		1	2	3	4
1391	DD Form 1391 Processor		1	2	3	4

Directorate of Engineering and Housing Management System Study

FORM B

NON STANDARD SYSTEMS

INSTRUCTIONS

This form deals with systems that are not Army standard systems but are related to Directorate of Engineering and Housing Management activities. Most of these systems run on micro or mini computers.

1. Below is a list of nonstandard systems and their acronyms. Look through the list and note which systems you use for your Branch's DEH activities.
2. Then refer to columns A and B at the right of the list. Also, have the **Task Reference List** handy. For those systems you identified:
 - Enter in Column A the number(s) and letter(s) associated with the task(s) from the **Task Reference List** which best describe what you use each system for.
 - Rate in Column B how helpful you find each system. Circle the number that best represents your opinion:

1 = very helpful
2 = somewhat helpful

3 = of little help
4 = not helpful at all

3. Please remember to fill out columns A and B for **ONLY** those systems used.

MAJOR SYSTEM		A	B			
PB	Property Book Micro-Computer Aid		1	2	3	4
RP	Real Property Micro-Computer Aid		1	2	3	4
1391	Micro-Computer Assisted DD Form 1391 Preparation		1	2	3	4
HSCH	Housing Reservation/Billeting Micro-Computer Aid		1	2	3	4
HNON	Housing Non-Availability Program		1	2	3	4
SCH	Building Scheduling Computer Aid		1	2	3	4
OP	Obligation Plan Micro-Computer Aid		1	2	3	4
CMIT	Commitment Register Micro-Computer Aid		1	2	3	4
WOT-DC	Work Order Tracking For Design Contracts		1	2	3	4
VAIS	Voice Activated Inspection System		1	2	3	4
PIPER	Underground Gas Pipe Management		1	2	3	4
CADD	Computer Aided Design & Drafting					

Continue on the back side of this sheet.

4. Below, list systems or applications, that you have developed for your Branch by yourselves or had developed through local contracts, which might be useful to other installation DEHs.

A. _____

B. _____

C. _____

D. _____

E. _____

5. Other than Standard Systems or other systems and applications which you now use, what types of systems or application programs would you like to have to improve your Branch's DEH activities. Briefly describe each capability.

A.

B.

C.

D.

E.

Directorate of Engineering and Housing Management System Study

FORM C

DETAILED INFORMATION ABOUT OTHER SYSTEMS AND APPLICATIONS

INSTRUCTIONS

For each of the systems or applications you listed on Form B, Question 4, please complete the information below.

GENERAL INFORMATION ABOUT THE SYSTEM/APPLICATION

1. What is the name of the System or Application?

2. Who was the system/application developed by? (If known)
(For supplying additional information if necessary.)
 - a. Organization: _____
 - b. Person: _____
 - c. Address: _____
 - d. Phone: _____
3. Who is the proponent for the system/application?
(If different than the developer described in 2.)

4. What is the status of the system/application? (Check one)
☐ In full use
☐ Developed, but still being tested
☐ In development
5. If you checked "In full use" for Question 4, what version of the system/application is now in use? Version Number _____
6. Is there a User Manual for the system/application?
☐ Yes ☐ No
- 7a. Are copies of the system/application readily available?
☐ Yes ☐ No
If you check "No" for Question 7a, skip to Question 10.
- 7b. Who can one contact for a copy of the system/application?
☐ Proponent
☐ Developer
☐ Other - Please give name and phone number.

8. How does one obtain a copy of the system/application?
☐ Government owned - distributed for free
☐ Freeware - public domain
☐ Purchased from developer or vendor

FORM C (page 2)

9. If purchased, what is the purchase price (approximately)?
\$ _____

USERS AND USES

10. What task(s) or function(s) is the system/application used for? Refer to the attached Task Reference List and enter the applicable Task-ID(s) below.

11. In your own words, briefly describe what the system/application does and who it is used by.

12. Does the system application generate any standardized forms or reports, specifically those with Form numbers assigned to them?

_____ Yes _____ No

13. If you checked "Yes" for Question 12, list below the form number(s) which you are referring to, e.g., DA Form 2222 or Ft. Swampy 555.

HARDWARE REQUIREMENTS/DESCRIPTION

14. What size computer does the system/application run on?
_____ Mainframe _____ Mini _____ Micro

If you checked "Mini", skip to Question 17.

If you checked "Micro", skip to Question 20.

15. What type of Mainframe does the system/application run on?

_____ Harris

_____ IBM; Model (if known) _____

_____ Other - Give name and model: _____

16. Can the system/application operate from remote terminals if they are connected to the Mainframe?

_____ Yes _____ No

Skip to Question 22.

FORM C (page 3)

17. What type of Mini computer does the system/application run on? (If known)
____ PDP-11
____ VAX
____ Other - Give name and model: _____
18. What Operating System does the system/application use?
____ Unix
____ CP/M
____ Other - Give name: _____
19. Can the system/application operate from remote terminals if they are connected to the Minicomputer?
____ Yes _____ No
Skip to Question 22.
20. What type of Microcomputer does the system/application run on?
____ IBM-PC, IBM-XT, IBM-AT or compatible (specify which)
Hard Disk required? _____ Yes _____ No
____ Apple II (any in the series) _____ Apple MacIntosh
____ Other - Give name: _____
21. What DOS or Operating System does the system/application require?
____ PC-DOS or MS-DOS Version 2.0 or higher
____ Apple 3.2 or 3.3
____ Apple Prodos
____ CP/M
____ Unix
____ Zenix
____ Other - Give name: _____
22. How much memory (RAM - Random Access Memory) is required to operate the system/application?
____ 128K bytes or less
____ 129K bytes to 256K bytes
____ 257K bytes to 512K bytes
____ more than 512K bytes

SOFTWARE REQUIREMENTS/DESCRIPTION

23. Does the system/application have original programming code?
____ Yes _____ No
24. If you checked "Yes" for Question 23, what language is used in the code?
____ FORTRAN _____ Cobol
____ PASCAL _____ Lisp
____ Basic _____ C
____ Other - Please specify: _____

FORM C (page 4)

25. For the system/application to operate, does it require a commercial program or package?

_____ Yes _____ No

26. If you checked "Yes" for Question 25, indicate what type of program is required and specify which particular program.

_____ Word processor

_____ Wordstar
_____ Multimate
_____ WordPerfect
_____ Other: _____

_____ Spreadsheet

_____ Lotus 123
_____ Supercalc
_____ Multiplan
_____ Visicalc
_____ Other: _____

_____ Data Base Manager

_____ DBase II or III
_____ R:Base 4000 or 5000
_____ Knowledgeman
_____ Other: _____

_____ Integrated Program

_____ Symphony
_____ Framework
_____ Open Access
_____ Enable
_____ Other: _____

_____ Project Manager

_____ Work Bench
_____ PMS
_____ Harvard Project Manager
_____ Other: _____

_____ Communication

_____ Crosstalk
_____ SmartCom
_____ Smart Term
_____ Other: _____

_____ CAD Program

_____ AutoCAD
_____ CADPlan
_____ Other: _____

Other Commercial Program. Please specify type and name:

THANK YOU!

DIRECTORATE OF ENGINEERING AND HOUSING MANAGEMENT SYSTEM STUDY

TASK REFERENCE LIST

TASK-ID. TASK

OFFICE OF THE DIRECTOR (OTD)
0A THE OTD TASKS

TROOP OPERATIONS OFFICE (TOO)
1A COORDINATION OF ENGINEER TROOP CONSTRUCTION PROGRAM
1B COORDINATION OF SUPPORT TO OFF-POST LOCATIONS
1C COORDINATION OF MOBILIZATION & OTHER CONTINGENCY ACTIVITIES
1D COORDINATION OF SELF-HELP PROGRAMS IN TROOP AREAS
1E POC FOR TENANT ACTIVITIES & OTHER CUSTOMERS

ADMINISTRATION SERVICES OFFICE (ASO)
2A OFFICIAL MAIL DESK, FILES MAINTENANCE, & RECORDS MANAGEMENT
2B PERSONNEL SUPPORT FOR TRAVEL, TRAINING, & TRANSPORTATION REQUESTS
2C TIME & ATTENDANCE REPORTS, PERSONNEL ACTIONS, TRAINING & AWARD PROGRAMS

ENVIRONMENTAL MANAGEMENT OFFICE (EMO)
3A OPERATES POLLUTION ABATEMENT PROGRAMS (AIR, WATER, & AMBIENT NOISE)
3B HAZARDOUS & TOXIC MATERIALS/WASTE MANAGEMENT
3C HISTORIC/ARCHAEOLOGICAL PRESERVATION
3D MANDATORY COORDINATION POINT FOR REVIEW OF ENVIRONMENT ASSESSMENT & IMPACT STATEMENTS
3E OIL & HAZARDOUS SPILL MANAGEMENT
3F INSTALLATION RESTORATION PROGRAM MANAGEMENT

ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)
4A CONDUCTS RESOURCE MANAGEMENT
4B OTHER FISCAL SERVICES-FINANCIAL MANAGEMENT OF REIMBURSABLE ACCOUNT/CUSTOMER
4C COORDINATION OF WORK PLAN & PROGRAM ACTIVITIES OF DEH
4D SCHEDULES CYCLICAL INSPECTIONS TO IDENTIFY MAINTENANCE & REPAIR REQUIREMENTS
4E RECEIPT & EVALUATION OF ALL DIRECTORATE OF ENGINEERING & HOUSING WORK REQUESTS
4F DETERMINATION OF METHOD OF WORK: (IN-HOUSE, TROOP, CONTRACT, SELF-HELP)
4G COORDINATION OF ADMINISTRATION APPROVAL OF ALL WORK
4H PLANNING & ESTIMATING OF WORK FOR IN-HOUSE FORCES
4I DEVELOPMENT & COORDINATION OF MATERIAL REQUIREMENTS FOR WORK ORDERS
4J SCHEDULING OF ALL DEH WORK
4K OVERSIGHT OF WORK, RECORDING & REPORTING ACTIVITIES OF DEH
4L REVIEW, ANALYSIS & RECOMMENDATION OF METHODS FOR IMPROVEMENT
4M COORDINATION OF MANPOWER MANAGEMENT ACTIVITIES OF DEH
4N INTERNAL ADP SYSTEMS SUPPORT
4O COORDINATION OF EXTERNAL ADP SYSTEMS SUPPORT

TASK-ID. TASK

4P PRODUCTIVITY IMPROVEMENT SUPPORT SERVICES
4Q LIAISON/COORDINATION FOR MANAGEMENT PROGRAMS-INTERNAL
CONTROL, QA, ARMY EFFICIENCY REVIEW PROGRAM, ETC.
4R ADMINISTER CONTRACTS WITH DELEGATED AUTHORITIES.
4B MANAGEMENT OF INTERSERVICE SUPPORT AGREEMENTS WITH DEH

ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

5A PROJECT SCOPE DEVELOPMENT, PROJECT DESIGNS (PLANS & SPECS)
5B LIAISON FOR PROJECT CONTRACT ACTIVITIES OF INSTALLATION &
DISTRICT CONTRACT SUPPORT
5C INSTALLATION MASTER PLANNING
5D DEVELOPMENT OF MCA, MMCA, & MCAR PROGRAMS
5E COORDINATION WITH DISTRICT ENGINEER ON MILCON PROJECTS
DESIGN & EXECUTION
5F MOBILIZATION FACILITY PLANNING
5G SUPERVISION, INSPECTION & ADMIN. OF CONTRACT PROJECTS
5H FACILITY SPACE UTILIZATION MANAGEMENT & REPORTING
5I REAL PROPERTY ACCOUNTING & CONTROL
5J REAL ESTATE SERVICES:-LEASES, EASEMENTS, OUTGRANTS,
ACQUISITION, DISPOSAL, ETC.
5K FACILITY PLANNING FOR REALIGNMENT/RESTATIONING
5L CONSULTING ENGINEERING STUDIES & SERVICES
5M ENGINEERING MAPS & PLANS
5N COORDINATION OF INSTALLATION SUPPORT SERVICES FROM USACE
DISTRICTS & LABORATORIES
5O ADMINISTER CONTRACTS WITH DELEGATED AUTHORITIES
5P TRAFFIC ENGINEERING

SUPPLY AND STORAGE DIVISION (SSD)

6A INITIATES REQUEST FOR ACQUISITION OF DIRECTORATE OF
ENGINEERING & HOUSING SUPPLIES & MATERIALS
6B STORES & MAINTAINS MATERIALS & SUPPLIES
6C ISSUES & TURNS-IN MATERIALS & EQUIPMENT
6D CONDUCTS DOCUMENTARY CONTROL OF DEH SUPPLIES & FUELS
6E ACCOUNTS FOR DEH UNIQUE EQUIPMENT
6F ASSISTS IN PHYSICAL & FINANCIAL INVENTORY ACCOUNTING
6G ADMINISTER CONTRACTS WITH DELEGATED AUTHORITIES

BUILDINGS AND GROUNDS DIVISION (BGD)

7A MAINTAIN, REPAIR, & IMPROVE-BUILDINGS, STRUCTURES, ROADS
& RAILROADS, BRIDGES, DRAINAGE, SURFACED AREAS, & GROUNDS
7B CUSTODIAL SERVICES & PEST CONTROL SERVICES
7C MGMT OF FORESTRY, FISH, WILDLIFE, & LAND MGMT PROGRAMS
7D OPERATION & MAINTENANCE OF DEH EQUIPMENT
7E PACKING & CRATING SERVICES
7F OPERATES SELF-HELP & PREVENTIVE MAINTENANCE (PM) PROGRAM
7G PROJECT DEVELOPMENT & REVIEW OF BUILDINGS, STRUCTURES,
GROUNDS, SURFACED AREAS, BRIDGES, & RAILROADS
7H SNOW REMOVAL & ICE CONTROL
7I ADMINISTERS CONTRACTS
7J PPB-MAINTENANCE & REPAIR, & MINOR CONSTRUCTION OF BUILDING
& GROUNDS, SURFACED AREAS, BRIDGES, & RAILROADS

TASK-ID. TASK

UTILITIES DIVISION (UTD)

- 8A OPERATE, MAINTAIN, REPAIR, IMPROVE UTILITY PLANTS & SYSTEMS
- 8B INSTALL, MAINTAIN, & REPAIR KITCHEN EQUIPMENT
- 8C MAINTAIN, REPAIR & CONDUCT MINOR CONSTRUCTION OF PETROLEUM, OIL, & LUBRICANT STORAGE & DISPENSING SYSTEMS
- 8D OPERATE SOLID FUEL STORAGE SYSTEMS
- 8E OPERATE ENERGY MONITORING CONTROLS SYSTEMS
- 8F ENERGY MANAGEMENT AS APPLIED TO FIXED FACILITIES
- 8G PURCHASE & SALE OF UTILITIES
- 8H REFUSE & SOLID WASTE COLLECTION DISPOSAL & RECYCLING
- 8I MAINTAIN & REPAIR ELEVATOR, BUILDING CRANE & HOIST/UTILITY SYSTEM
- 8J PLAN, PROGRAM & BUDGET UTILITY OPERATIONS, MAINTENANCE & REPAIR, & MINOR CONSTRUCTION
- 8K DEVELOP & REVIEW UTILITIES PROJECTS
- 8L ADMINISTER UTILITIES CONTRACTS

FIRE PROTECTION DIVISION (FPD)

- 9A CONDUCT FIRE PROTECTION OPERATIONAL READINESS SELF INSPECT.
- 9B CONDUCT FIRE PROTECTION TRAINING PROGRAMS
- 9C CONDUCT FIRE PREVENTION TRAINING OF SOLDIERS, FAMILIES & EMPLOYEES
- 9D CONDUCTS FIRE MARSHAL PROGRAMS
- 9E CONDUCTS FIRE PREVENTION INSPECTIONS
- 9F RECEIVES & RESPONDS TO FIRE CALLS
- 9G MUTUAL AID AGREEMENTS WITH MUNICIPAL, COUNTY, STATE, & FEDERAL AGENCIES
- 9H CONDUCTS AIRCRAFT CRASH FIRE RESCUE OPERATIONS
- 9I PROVIDES INITIAL RESPONSE TO HAZARDOUS MATERIAL SPILL SITUATIONS
- 9J INSPECTS & TESTS FIRE PROTECTION SYSTEMS (SPRINKLERS, ALARMS, STANDPIPES, ETC.)
- 9K INSTALLS, MAINTAINS, & RE-CHARGES FIRE EXTINGUISHERS
- 9L CONDUCTS FIRE INVESTIGATIONS & REPORTING
- 9M TECH. REVIEW OF JOB PLANS & ENGINEERING PROJECT DESIGNS
- 9N ADMINISTERS CONTRACTS WITHIN DELEGATED AUTHORITIES
- 9O MONITORS CONSTRUCTION & MAINTENANCE & REPAIR PROJECTS
- 9P MONITORS ALARMS (FIRE, COLD STORAGE, ETC.)
- 9Q PERFORMS NIGHT, WEEK-END, & HOLIDAY WORK RECEPTION

HOUSING DIVISION

- 10A EXECUTIVE MANAGEMENT OF INSTALLATION HOUSING FUNCTIONS
- 10B PLANS, PROGRAMS & EXECUTES HOUSING OPERATIONS
- 10C FORMULATES LOCAL POLICIES & PROCEDURES
- 10D DETERMINES HOUSING REQUIREMENTS
- 10E DEVELOPS ANNUAL & LONG RANGE PROGRAMS FOR CONSTRUCTION, UTILIZATION, OPERATION, MAINTENANCE & REPAIR OF HOUSING ASSETS
- 10F ADVISES THE COMMANDER OF HOUSING ACTIVITIES ON- & OFF-POST
- 10G DETERMINES AVAILABILITY & SOLICITING HOUSING ASSETS FROM LOCAL COMMUNITIES

TASK-ID. TASK

10H MANAGES & OPERATES SENIOR ENLISTED & OFFICER UNACCOMPANIED
PERSONNEL HOUSING

10I SUPERVISES UTILIZATION OF TROOP BILLETS

10J MANAGES FURNISHINGS OPERATIONS

10K MANAGES & OPERATES GUEST HOUSING & SHORT-TERM LODGING

10M PLANS, PROGRAMS, & EXECUTES HOUSING NON-APPROPRIATED FUND
ACTIVITIES IN COORDINATION WITH THE INSTALLATION CENTRALIZED
NON-APPROPRIATED FUND

10N MANAGES HOUSING REFERRAL SERVICES

10O PROCESSES REQUESTS FOR DIVERSION OR CONVERSION OF HOUSING
ASSETS

10P CONDUCTS HOUSING ECONOMIC & MARKET ANALYSES, & REQUIREMENT
SURVEYS

10Q DEVELOPS & PREPARES HOUSING FINANCIAL PLAN & PROGRAM
REQUIREMENTS

10R PLANS, PROGRAMS, & OPERATES GOVERNMENT LEASED HOUSING
PROGRAMS

10S DETERMINES ELIGIBILITY FOR GOVERNMENT HOUSING

10T ASSIGNS & TERMINATES OCCUPANCY IN FAMILY, UNACCOMPANIED
PERSONNEL, TRANSIENT HOUSING, GUEST QUARTERS & GOVERNMENT
OWNED TRAILERS & TRAILER PADS

10U MONITORS & REPORTS UTILIZATION OF ALL HOUSING ASSETS

10V PROVIDES TECHNICAL ASSISTANCE IN INDIVIDUAL LEASE
TRANSACTIONS

10W MAINTAINS & APPOINTS AREA & SUB-AREA COORDINATORS

10X OPERATES HOUSING OPERATIONS MAINTENANCE SYSTEM (HOMES) &
OTHER HOUSING SYSTEMS

10Y SUPERVISES & EXECUTES FEDERAL EQUAL HOUSING OPPORTUNITY
LAWS & PROGRAMS

10Z COORDINATES WITH CORPS OF ENGINEER DISTRICTS, & HIGHER
HEADQUARTERS, CONTRACTORS & BUSINESS FIRMS FOR DELIVERY OF
SERVICES & MATERIALS IN SUPPORT OF HOUSING INVENTORY

10AA DEVELOPS, IN COORDINATION WITH OTHER DEH STAFF ORGANIZATIONS
PRIORITIES & GUIDANCE FOR OPERATIONS, MAINTENANCE, REPAIR &
IMPROVEMENTS TO GOVERNMENT OWNED & CONTROLLED FAMILY
HOUSING

10AB MONITORS FAMILY HOUSING SERVICE ORDERS & WORK ORDERS
INCLUDING IN-HOUSE & CONTRACT PROJECTS

10AC ISSUES CERTIFICATES OF NON-AVAILABILITY OF ALL GOVERNMENT
HOUSING

10AD PLANS, PROGRAMS, & OPERATES CONTROL, STORAGE, HANDLING,
DISTRIBUTION & MAINTENANCE, & REPAIR OF HOUSING QUARTERS
FURNISHINGS

10AE MANAGES & MAINTAINS PROPERTY BOOKS FOR FAMILY, GUEST,
UNACCOMPANIED PERSONNEL, & SHORT TERM HOUSING FURNISHINGS

10AF ADMINISTERS THE INSTALLATION'S HOUSING MANAGEMENT
CAREER PROGRAM

10AG ADMINISTERS CONTRACTS WITHIN DELEGATED AUTHORITIES,
INCLUDING CONDUCT OF QA SURVEILLANCE/EVALUATION OF
CONTRACTOR PERFORMANCE

APPENDIX C:

FE TASKS, RATING SCORES, AND ID CODES
FOR FORMS A AND B

FORM A

ARMY STANDARD SYSTEMS

NAME: DD Form 1391 Processor - (1391)
FE TASKS: 0A(x5) 1B 3D 4A 4O 5A(x5) 5B 5C(x16) 5D(x41) 5E(x6)
5F(x3) 5K 8J 10E(x2) 10Q 10AA

RATING TOTALS	SCORE
-----	-----
45	1 = Very Helpful
12	2 = Somewhat Helpful
3	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Army Criteria Tracking System - (ACTS)
FE TASKS: 2 5A(x8) 5C(x11) 5D(x7) 5F 5H 5K(x5) 8E 8F 10E

RATING TOTALS	SCORE
-----	-----
4	1 = Very Helpful
9	2 = Somewhat Helpful
2	3 = Of Little Help
2	4 = Not Helpful/Not Used At All

NAME: Army DEIS System - (ADDS)
FE TASKS: 0A(x2) 4A 8E(x2) 8F(x8) 8G(x2) 8J

RATING TOTALS	SCORE
-----	-----
2	1 = Very Helpful
4	2 = Somewhat Helpful
1	3 = Of Little Help
3	4 = Not Helpful/Not Used At All

NAME: Army Energy Systems - (AES)
FE TASKS: 0A 3A 3B 3C 3D 3E 3F 4A 5A 8E(x2) 8F(x2) 10P

RATING TOTALS	SCORE
-----	-----
3	1 = Very Helpful
2	2 = Somewhat Helpful
1	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Army Stationing and Installation Plan - (ASIP)
FE TASKS: 2A 2B 2C 5A(x2) 5C(x9) 5D(x5) 5E 5H 5K(x2) 8K 10A
10B 10C 10D(x5) 10P 10AA

RATING TOTALS	SCORE
8	1 = Very Helpful
7	2 = Somewhat Helpful
5	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: ASSETS Module

FE TASKS: 0A(x3) 1A(x2) 1B 1D 1E 3C 3E 3F 4A(x9) 4B(x2) 4C(x3)
4E(x3) 4F 4G 4H 4K(x5) 4L(x3) 4M 4N(x3) 4O(x2) 4P
5A(x3) 5B 5C(x3) 5D(x2) 5F 5H(x8) 5I(x11) 5J(x5) 7A
7D 7G(x2) 8H 8J

RATING TOTALS	SCORE
18	1 = Very Helpful
28	2 = Somewhat Helpful
8	3 = Of Little Help
3	4 = Not Helpful/Not Used At All

NAME: Construction Appropriations Programming, Control and
Execution System - (CAPCES)
FE TASKS: 5A(x3) 5B 5C(x10) 5D(x16) 5E(x9) 5F 5K 5M 7A 10D 10E

RATING TOTALS	SCORE
9	1 = Very Helpful
13	2 = Somewhat Helpful
2	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Corps of Engineers Program and Fund Distribution Control
System - (CEPFDCS)
FE TASKS: NONE

RATING TOTALS	SCORE
0	1 = Very Helpful
0	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Corps of Engineers Management Information System -
(COEMIS)
FE TASKS: 0A 4B 8F

RATING TOTALS	SCORE
1	1 = Very Helpful
1	2 = Somewhat Helpful
0	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: DEIS Data Entry System - (DDES)
FE TASKS: 4N 4O 8E 8F(x5) 8G(x2) 8J

RATING TOTALS	SCORE
-----	-----
2	1 = Very Helpful
5	2 = Somewhat Helpful
1	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Defense Energy Information System - (DEIS)
FE TASKS: 0A(x2) 1E 8E(x2) 8F(x14) 8G(x2) 8J(x2)

RATING TOTALS	SCORE
-----	-----
4	1 = Very Helpful
7	2 = Somewhat Helpful
7	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Directed Stationing System - (DSS)
FE TASKS: 3D 5A 5C 5D 5K

RATING TOTALS	SCORE
-----	-----
1	1 = Very Helpful
1	2 = Somewhat Helpful
0	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Economics Package - (ECONPACK)
FE TASKS: 4O 5A(x2) 5C(x6) 5D(x20) 5J 5K 8F 10E(x2)

RATING TOTALS	SCORE
-----	-----
13	1 = Very Helpful
12	2 = Somewhat Helpful
3	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Energy Functions System - (EFS)
FE TASKS: 8E(x3) 8F(x2)

RATING TOTALS	SCORE
-----	-----
1	1 = Very Helpful
2	2 = Somewhat Helpful
1	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Environmental Technical Information System - (ETIS)
 FE TASKS: 0A(x2) 3A(x11) 3B(x19) 3C(x5) 3D(x14) 3E(x8) 3F(x5)

RATING TOTALS	SCORE
11	1 = Very Helpful
14	2 = Somewhat Helpful
1	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Facilities Engineering Equipment Maintenance System -
 (FEEMS)
 FE TASKS: 1A 1D 4C 4E(x2) 4G 4I 4R 6E 7D 8A(x3) 8B(x3) 8C(x3)
 8I

RATING TOTALS	SCORE
5	1 = Very Helpful
4	2 = Somewhat Helpful
1	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Facilities Engineering Job Estimating System - (FEJE)
 FE TASKS: 0A(x3) 1A(x7) 1B(x2) 1D 1E(x3) 3A 4A(x7) 4B 4C(x3)
 4E(x3) 4F(x8) 4G(x3) 4H(x35) 4I(x12) 4J(x2) 4K(x4)
 4L 4N(x3) 4O 4P 4Q 4R(x2) 5I 6A(x2) 6C 6F 7A(x5) 7J
 8A(x3) 8B 8J(x2) 10AB 10E

RATING TOTALS	SCORE
47	1 = Very Helpful
24	2 = Somewhat Helpful
11	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: FEMS Module
 FE TASKS: 0A(x3) 1A(x2) 1B 2C 4A(x17) 4B(x10) 4C(x8) 4D(x5)
 4E(x12) 4F(x3) 4G(x4) 4H(x2) 4I(x2) 4J(x3) 4K(x14)
 4L(x7) 4M(x4) 4N(x3) 4O(x2) 4P(x3) 4Q(x2) 5A(x2) 5C
 5D 5G(x3) 5M 7A(x3) 7D 7H 8A(x5) 8B(x2) 8C(x2)
 8J(x2) 8K 10Q ERM

RATING TOTALS	SCORE
31	1 = Very Helpful
34	2 = Somewhat Helpful
11	3 = Of Little Help
4	4 = Not Helpful/Not Used At All

NAME: Facilities Engineering Sypply System - (FESS)

FE TASKS: 0A(x3) 1A(x8) 1D(x5) 1E(x2) 2A 2B 2C(x2) 4A(x7)
 4B(x3) 4C(x2) 4D 4E(x3) 4F 4G 4H(x7) 4I(x18) 4J(x2)
 4K(x5) 4L(x2) 4N(x4) 4O 5G 5H(x3) 5I(x4) 5J 6A(x32)
 6B(x27) 6C(x28) 6D(x7) 6E(x2) 6F(x4) 7A(x6) 7B(x2)
 7C(x2) 7F 7G(x2) 7H 7J(x2) 8A(x2) 8B 8J(x2) 9E 10J
 10AD 10AE SSD(x6)

RATING TOTALS

SCORE

73	1 = Very Helpful
31	2 = Somewhat Helpful
7	3 = Of Little Help
4	4 = Not Helpful/Not Used At All

NAME: FORWRD Word Processing System Module

FE TASKS: 0A(x4) 1A(x2) 1B 2A(x3) 2b 2C(x5) 4A(x11) 4B(x2)
 4C(x3) 4D 4G(x2) 4H(x2) 4J 4K 4L 4N(x4) 4P(x2) 4Q
 4R(x2) 5A(x2) 5J 6A(x2) 6G 8A(x4) 8B(x2) 8C(x2)

RATING TOTALS

SCORE

33	1 = Very Helpful
12	2 = Somewhat Helpful
1	3 = Of Little Help
2	4 = Not Helpful/Not Used At All

NAME: Housing Information Management System - (HIMS)

FE TASKS: 0A 4A 10A(x2) 10B 10C 10F 10J 10N 10P 10S(x2)
 10T(x7) 10U(x7)

RATING TOTALS

SCORE

8	1 = Very Helpful
5	2 = Somewhat Helpful
2	3 = Of Little Help
2	4 = Not Helpful/Not Used At All

NAME: Housing Operations Management System - (HOMES)

FE TASKS: 5C 5D 10A 10B 10C 10X

RATING TOTALS

SCORE

2	1 = Very Helpful
1	2 = Somewhat Helpful
1	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Headquarters Level Integrated Facilities System -
(HQIFS)

FE TASKS: 2C 4A(x2) 4B 4C(x2) 4E(x3) 4F 4G 4I 4K(x3) 4L 4N 5A
5C(x3) 5D(x4) 5F 5H 5I(x3) 8J 10AA ERM

RATING TOTALS

SCORE

10	1 = Very Helpful
11	2 = Somewhat Helpful
2	3 = Of Little Help
1	4 = Not Helpful/Not Used At All

NAME: Integrated Facilities Data Entry Process - (IFDEP)

FE TASKS: 0A(x3) 1A(x2) 1B 1D 1E 2A(x2) 2C(x4) 4A(x10) 4B(x3)
4C(x9) 4D(x2) 4E(x26) 4F(x4) 4G(x9) 4H(x4) 4I 4J(x3)
4K(x21) 4L(x8) 4M 4N(x8) 4O(x2) 4Q 4R 5G(x2) 5I(x4)
5J 6A(x2) 6B(x2) 6C(x6) 6D(x3) 6E 6F(x3) 7A(x4)
7B(x2) 7C 7F 7G 7J 8A(x3) 8B 8K 10AA ERM

RATING TOTALS

SCORE

48	1 = Very Helpful
37	2 = Somewhat Helpful
6	3 = Of Little Help
5	4 = Not Helpful/Not Used At All

NAME: Integrated Facilities System, Increment 1 - (IFS-1)

FE TASKS: 0A(x2) 1A(x4) 1B 1D 2C 4A(x9) 4B 4C(x5) 4D(x2)
4E(x7) 4F(x2) 4G(x7) 4H 4I(x2) 4J 4K(x10) 4L(x5) 4M
4N(x3) 4O 5A 5C 5D 5G(x2) 6A 6B 6C(x7) 6D 6F 7A(x8)
7D 7G(x5) 7J(x3) 8A(x3) 8B 8H 8J(x4) 10A 10B 10E 10Q
10AA 10AB(x2) ERM

RATING TOTALS

SCORE

23	1 = Very Helpful
28	2 = Somewhat Helpful
12	3 = Of Little Help
7	4 = Not Helpful/Not Used At All

NAME: Joint Uniform Military Pay System - (JUMPS)

FE TASKS: 0A 4S 5A 5C 5D 10D 10G 10P

RATING TOTALS

SCORE

1	1 = Very Helpful
1	2 = Somewhat Helpful
0	3 = Of Little Help
4	4 = Not Helpful/Not Used At All

NAME: Military and Civil Progress Reporting System - (MCPRS)
FE TASKS: 4R 5E

RATING TOTALS

SCORE

0 1 = Very Helpful
0 2 = Somewhat Helpful
2 3 = Of Little Help
0 4 = Not Helpful/Not Used At All

NAME: Nonappropriated Fund Information Standard System -
(NAFISS)
FE TASKS: 7A 10C 10K 10M(x2)

RATING TOTALS

SCORE

2 1 = Very Helpful
1 2 = Somewhat Helpful
0 3 = Of Little Help
0 4 = Not Helpful/Not Used At All

NAME: Pavement Maintenance Management - (PAVER)
FE TASKS: 0A 1B 4H 4J 5A(x4) 5D 5G 5L(x2) 5P(x2) 7A(x5) 7G(x3)
7J(x3) 10AA

RATING TOTALS

SCORE

4 1 = Very Helpful
7 2 = Somewhat Helpful
1 3 = Of Little Help
2 4 = Not Helpful/Not Used At All

NAME: Military Construction Programming, Administration and
Execution System - (PAX)
FE TASKS: 0A(x4) 2A 3D 4O 5A(x8) 5C(x18) 5D(x26) 5E(x7) 5F(x3)
5G 5K(x2) 10E

RATING TOTALS

SCORE

33 1 = Very Helpful
5 2 = Somewhat Helpful
2 3 = Of Little Help
0 4 = Not Helpful/Not Used At All

NAME: PAX Electronic Mail System - (PAXMAIL)

FE TASKS: 0A(x8) 1E 2A(x9) 2B 2C 3A 3C 3F 3X 4A(x2) 4O 5A(x3)
5B(x2) 5C(x18) 5D(x23) 5E(x11) 5F(x6) 5G(x2) 5K
10E(x2)

RATING TOTALS

SCORE

43 1 = Very Helpful
17 2 = Somewhat Helpful
3 3 = Of Little Help
0 4 = Not Helpful/Not Used At All

NAME: Property Book Module

FE TASKS: 4A(x2) 6A(x3) 6B(x4) 6C(x7) 6D(x6) 6E(x5) 6F(x4) 8J
SSD

RATING TOTALS

SCORE

9 1 = Very Helpful
5 2 = Somewhat Helpful
2 3 = Of Little Help
1 4 = Not Helpful/Not Used At All

NAME: Program and Fund Distribution Control System - (PFDCS)

FE TASKS: NONE

RATING TOTALS

SCORE

0 1 = Very Helpful
0 2 = Somewhat Helpful
0 3 = Of Little Help
0 4 = Not Helpful/Not Used At All

NAME: Project Management System - (PMS)

FE TASKS: 1A 1E 4R 5O 6C 6D 6F 8K 10E

RATING TOTALS

SCORE

1 1 = Very Helpful
2 2 = Somewhat Helpful
1 3 = Of Little Help
0 4 = Not Helpful/Not Used At All

NAME: RPMA Module

FE TASKS: 0A(x3) 1A 1B 1E 3A 3B 4A(x9) 4B(x6) 4C(x4) 4D(x7)
4E(x6) 4G(x3) 4H(x2) 4I(x2) 4J(x2) 4K 4L(x3) 4M(x2)
4N(x2) 4O 4P 4R 5A(x2) 5C 5D 5H(x2) 5I(x4) 5K 7A(x5)
7D 7E(x2) 7G(x4) 7J 8F 8G 8H 8J(x2) 10Q 10AB

RATING TOTALS

SCORE

16 1 = Very Helpful
33 2 = Somewhat Helpful
7 3 = Of Little Help
6 4 = Not Helpful/Not Used At All

NAME: Standard Army Intermediate Level System - (SAILS)

FE TASKS: 0A 4A(x4) 4O 4P 5C 5D 6A(x6) 6B(x3) 6C(x11) 6D(x5)
6E 6F(x11) 8J 10Q 10AE SSD(x2)

RATING TOTALS

SCORE

20 1 = Very Helpful
6 2 = Somewhat Helpful
4 3 = Of Little Help
1 4 = Not Helpful/Not Used At All

NAME: Stationing Analysis Model - (SAM)

FE TASKS: 5C(x2) 5D 5F 5K 10E

RATING TOTALS

SCORE

1 1 = Very Helpful
3 2 = Somewhat Helpful
0 3 = Of Little Help
2 4 = Not Helpful/Not Used At All

NAME: Standard Installation Division Personnel System -
(SIDPERS)

FE TASKS: 0A 2A 2C(x2) 4A 4M 6F 8J 10A 10B 10C 10D 10Q

RATING TOTALS

SCORE

5 1 = Very Helpful
2 2 = Somewhat Helpful
1 3 = Of Little Help
1 4 = Not Helpful/Not Used At All

NAME: Standard Army Finance System - (STANFINS)
 FE TASKS: 0A(x2) 2C 4A(x14) 4B(x14) 4C 4F 4K 4L(x2) 4N 4O
 6A(x2) 6C(x2) 6D 6F(x3) 8J(x3) 10Q(x2)

RATING TOTALS	SCORE
-----	-----
20	1 = Very Helpful
5	2 = Somewhat Helpful
2	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Theater Army Construction Automated Planning System -
 (TACAPS)

FE TASKS: 4E 4G 4I 4N(x2) 4O 5H 5I 7J 8J 10AE

RATING TOTALS	SCORE
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4	1 = Very Helpful
4	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Vertical Installation Automated Baseline - (VIABLE)
 FE TASKS: 0A(x2) 1A(x3) 1C 2C 4A(x18) 4B(x9) 4C(x5) 4D 4E(x4)
 4F 4G 4H 4I 4K(x16) 4L(x7) 4M 4N(x3) 4O(x2) 4P 4R 4Q
 5A 5C(x2) 5G(x3) 5H(x4) 5I(x7) 5O 5K 5J(x2) 6A(x3)
 6C(x3) 6D(x5) 6E 6F(x3) 7A 7G(x2) 8A(x2) 8C 8H
 8J(x3) 8K(x4) 8L 10H 10Q 10S 10T(x2) 10U 10W(x2) 10X
 10AE BGD ERM

RATING TOTALS	SCORE
-----	-----
31	1 = Very Helpful
31	2 = Somewhat Helpful
15	3 = Of Little Help
14	4 = Not Helpful/Not Used At All

DEH TASKS AND CORRESPONDING STANDARD SYSTEMS

OFFICE OF THE DIRECTOR

Task ID	System Name	ID	Rating	Score
OA	1391	0048		1
	1391	1402		1
	1391	0070		1
	1391	2502		1
	ADDS	2502		4
	ADDS	1402		2
	AES	2502		1
	ASSETS	2502		2
	ASSETS	1402		1
	ASSETS	2102		2
	COEMIS	1402		2
	DEIS	0070		1
	DEIS	2502		4
	ETIS	0048		1
	ETIS	0070		2
	FEJE	2502		3
	FEJE	2102		2
	FEJE	1402		1
	FEMSMOD	2502		3
	FEMSMOD	1402		1
	FEMSMOD	2102		2
	FESS	2102		2
	FESS	2502		2
	FESS	1402		1
	FORWRD	1402		2
	FORWRD	2102		1
	FORWRD	1802		1
	FORWRD	2502		3
	HIMS	1402		2
	IFDEP	2502		2
	IFDEP	1802		2
	IFDEP	1402		1
	IFS-1	1402		1
	IFS-1	2502		3
	PAVER	0070		1
	PAX	0048		1
	PAX	2102		2
	PAX	0090		N/A
	PAX	0070		1
	PAXMAIL	2102		2
	PAXMAIL	2502		2
	PAXMAIL	1402		1
	PAXMAIL	0070		1
	PAXMAIL	0090		N/A
	PAXMAIL	0048		1
	PAXMAIL	4001		1
	RPMAMOD	1402		2
	RPMAMOD	1802		2
	RPMAMOD	2502		3

DEH TASKS AND CORRESPONDING STANDARD SYSTEMS (cont'd)

OFFICE OF THE DIRECTOR (cont'd)

Task ID	System Name	ID	Rating	Score
OA	SAILS	1402		3
	STANFINS	1402		1
	STANFINS	2102		2
	VIABLE	2502		3
	VIABLE	1402		3
OTD	1391	0092		1
	JUMPS	0092		4
	PAXMAIL	0092		1
	SIDPERS	0092		4

TROOP OPERATIONS OFFICE

Task ID	System Name	ID	Rating	Score
1A	ASSETS	1612		2
	ASSETS	0710		2
	FEEMS	2612		1
	FEJE	3212		1
	FEJE	3312		1
	FEJE	0710		2
	FEJE	0312		1
	FEJE	1312		1
	FEJE	0812		2
	FEJE	1612		2
	FEMSMOD	0710		2
	FEMSMOD	1312		3
	FESS	0312		1
	FESS	1612		2
	FESS	2312		1
	FESS	3212		2
	FESS	2512		1
	FESS	3812		1
	FESS	3012		1
	FESS	1312		1
	FORWRD	2508		2
	FORWRD	0710		2
	IFDEP	1312		2
	IFDEP	0710		1
	IFS-1	1413		2
	IFS-1	1612		2
	IFS-1	0710		2
	IFS-1	2512		1
	PMS	0812		2
	RPMAMOD	1413		2
	VIABLE	3612		2
	VIABLE	1312		1
	VIABLE	3012		N/A

DEH TASKS AND CORRESPONDING STANDARD SYSTEMS (cont'd)

TROOP OPERATIONS OFFICE (cont'd)

Task ID	System Name	ID	Rating	Score
1B	1391	0710		2
	ASSETS	0710		2
	FEJE	1812		1
	FEJE	0710		2
	FEMSMOD	0710		2
	FORWRD	0710		2
	IFDEP	0710		1
	IFS-1	0710		2
	PAVER	0710		2
	RPMAMOD	1812		2
1C	VIABLE	3612		2
1D	ASSETS	1612		2
	FEEMS	2612		1
	FEJE	3212		1
	FESS	1612		2
	FESS	0312		1
	FESS	3812		1
	FESS	1312		1
	FESS	3212		2
	IFDEP	1312		2
	IFS-1	1612		2
1E	ASSETS	1812		2
	DEIS	0710		3
	FEJE	0312		1
	FEJE	1812		1
	FEJE	0812		2
	FESS	3812		1
	FESS	2312		1
	IFDEP	1312		2
	PAXMAIL	0812		3
	PMS	0812		2
	RPMAMOD	1812		2

ADMINISTRATION OFFICE

Task ID	System Name	ID	Rating	Score
2	ACTS	2110		N/A
2A	FESS	2107		1
	FORWRD	2604		1
	FORWRD	1811		1
	FORWRD	1704		1
	IFDEP	1801		4
	IFDEP	3401		2
	PAX	4307		1
	PAXMAIL	0081		2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ADMINISTRATION OFFICE (cont'd)

Task ID	System Name	ID	Rating	Score
2A	PAXMAIL	2707		1
	PAXMAIL	0071		1
	PAXMAIL	1602		1
	PAXMAIL	4001		
	PAXMAIL	0079		3
	PAXMAIL	0071		1
	PAXMAIL	0301		1
	PAXMAIL	0807		1
	SIDPERS	0081		3
2B	FESS	1511		2
	FORWRD	3801		1
	PAXMAIL	1602		1
2C	FEMSMOD	3701		1
	FESS	2107		1
	FESS	1511		2
	FORWRD	3801		1
	FORWRD	2001		2
	FORWRD	1811		1
	FORWRD	0701		1
	FORWRD	1801		1
	HQIFS	3611		2
	IFDEP	2001		2
	IFDEP	1401		2
	IFDEP	1501		4
	IFDEP	2801		1
	IFS-1	1506		3
	PAXMAIL	1602		1
	SIDPERS	0081		3
	SIDPERS	3904		1
	STANFINS	0510		2
	VIALE	0301		4

ENVIRONMENTAL MANAGEMENT OFFICE

Task ID	System Name	ID	Rating	Score
3A	ETIS	3705		3
	ETIS	0059		2
	ETIS	1405		1
	ETIS	1505		2
	ETIS	2005		2
	ETIS	1705		1
	ETIS	0059		2
	ETIS	1805		2
	ETIS	4005		1
	FEJE	2305		2
	PAXMAIL	1705		1
	RPMAMOD	2605		3

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENVIRONMENTAL MANAGEMENT OFFICE

Task ID	System Name	ID	Rating Score
3B	ETIS	0059	2
	ETIS	0907	2
	ETIS	2005	2
	ETIS	1805	2
	ETIS	2406	2
	ETIS	4105	2
	ETIS	1705	1
	ETIS	2505	2
	ETIS	3205	2
	ETIS	3605	1
	ETIS	0059	2
	ETIS	4005	1
	ETIS	2605	2
	ETIS	1505	2
	ETIS	3705	3
	RPMAMOD	2605	3
3C	ASSETS	2605	2
	ETIS	3605	1
	PAXMAIL	1705	1
3D	1391	2305	2
	ASIP	3005	2
	DSS	3005	2
	ETIS	2605	2
	ETIS	2905	1
	ETIS	3205	2
	ETIS	4005	1
	ETIS	3005	2
	ETIS	2406	2
	ETIS	4001	2
	ETIS	1405	1
	ETIS	2505	2
	ETIS	0081	4
	PAX	2905	2
3E	ASSETS	2905	3
	ETIS	2406	2
	ETIS	1505	2
	ETIS	0059	2
	ETIS	0059	2
3F	ASSETS	2905	3
	ETIS	3605	1
	PAXMAIL	1705	1
3X	PAXMAIL	1805	2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENVIRONMENTAL DIVISION

Task ID	System Name	ID	Rating	Score
EMO	ETIS	0805		1
	ETIS	3505		1
	ETIS	2305		1
	ETIS	1602		1
	PAX	1602		1

ENGINEER RESOURCES MANAGEMENT DIVISION

Task ID	System Name	ID	Rating	Score
4A	1391	0304		1
	ADDS	1806		1
	AES	1806		1
	ASSETS	4304		2
	ASSETS	3004		3
	ASSETS	0804		2
	ASSETS	2604		1
	ASSETS	3204		1
	ASSETS	3704		2
	ASSETS	2909		2
	ASSETS	4304		1
	ASSETS	0304		1
	FEJE	3304		1
	FEJE	2604		1
	FEJE	4304		1
	FEJE	3004		3
	FEJE	3204		3
	FEJE	4304		1
	FEJE	3704		1
	FEMSMOD	3204		1
	FEMSMOD	2304		2
	FEMSMOD	0304		1
	FEMSMOD	0304		1
	FEMSMOD	1504		2
	FEMSMOD	2104		1
	FEMSMOD	0411		3
	FEMSMOD	2909		2
	FEMSMOD	4304		1
	FEMSMOD	3004		2
	FEMSMOD	1504		2
	FEMSMOD	0804		1
	FEMSMOD	2804		1
	FEMSMOD	4304		2
	FEMSMOD	1304		2
	FEMSMOD	1604		3
	FEMSMOD	3704		2
	FESS	3204		2
	FESS	1504		2
	FESS	4304		1
	FESS	4304		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4A	FESS	2104		1
	FESS	0304		1
	FESS	2604		1
	FORWRD	3804		2
	FORWRD	4304		1
	FORWRD	3704		1
	FORWRD	3004		2
	FORWRD	0704		1
	FORWRD	3604		1
	FORWRD	1804		1
	FORWRD	2604		1
	FORWRD	2104		1
	FORWRD	1304		2
	FORWRD	2104		1
	HIMS	2503		1
	HQIFS	3504		1
	HQIFS	0804		1
	IFDEP	3204		2
	IFDEP	4304		1
	IFDEP	3004		2
	IFDEP	0110		2
	IFDEP	2604		1
	IFDEP	4304		2
	IFDEP	3704		2
	IFDEP	1604		1
	IFDEP	2104		1
	IFDEP	2404		2
	IFS-1	0304		1
	IFS-1	4304		2
	IFS-1	2804		1
	IFS-1	3204		1
	IFS-1	2304		2
	IFS-1	3704		2
	IFS-1	0304		1
	IFS-1	3304		2
	IFS-1	0704		1
	PAXMAIL	0050		2
	PAXMAIL	2904		1
	PROPMOD	4304		2
	PROPMOD	2104		1
	RPMAMOD	1304		2
	RPMAMOD	4304		2
	RPMAMOD	3704		2
	RPMAMOD	2904		1
	RPMAMOD	2804		1
	RPMAMOD	0304		1
	RPMAMOD	2104		1
	RPMAMOD	2909		2
	RPMAMOD	3004		4

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4A	SAILS	0304		1
	SAILS	2604		3
	SAILS	0804		3
	SAILS	3004		4
	SIDPERS	0304		1
	STANFINS	0304		1
	STANFINS	1404		1
	STANFINS	4304		1
	STANFINS	0804		1
	STANFINS	1504		1
	STANFINS	1804		2
	STANFINS	2604		1
	STANFINS	2904		N/A
	STANFINS	3204		1
	STANFINS	2104		1
	STANFINS	3304		1
	STANFINS	3004		3
	STANFINS	1304		1
	STANFINS	1602		1
	VIALE	2404		3
	VIALE	1504		2
	VIALE	3704		1
	VIALE	0304		1
	VIALE	1602		2
	VIALE	3012		N/A
	VIALE	3804		2
	VIALE	0304		1
	VIALE	0091		4
	VIALE	2604		2
	VIALE	4304		2
	VIALE	2104		1
	VIALE	2904		1
	VIALE	2909		2
	VIALE	3004		3
	VIALE	0110		2
	VIALE	1304		2
	VIALE	2304		3
4B	ASSETS	3704		2
	ASSETS	0402		1
	COEMIS	0081		1
	FEJE	3204		3
	FEMSMOD	2104		1
	FEMSMOD	0082		2
	FEMSMOD	1804		2
	FEMSMOD	1504		2
	FEMSMOD	1404		1
	FEMSMOD	2804		1
	FEMSMOD	0804		1
	FEMSMOD	1604		3

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4B	FEMSMOD	3704		2
	FEMSMOD	1504		2
	FESS	2604		1
	FESS	3204		2
	FESS	2104		1
	FORWRD	2104		1
	FORWRD	0704		1
	HQIFS	3504		1
	IFDEP	1811		2
	IFDEP	4304		1
	IFDEP	2104		1
	IFS-1	3704		2
	RPMAMOD	3704		2
	RPMAMOD	2904		1
	RPMAMOD	1404		2
	RPMAMOD	2804		1
	RPMAMOD	0108		2
	RPMAMOD	2604		2
	STANFINS	3904		1
	STANFINS	4304		1
	STANFINS	2804		1
	STANFINS	1804		2
	STANFINS	1404		1
	STANFINS	2904	N/A	
	STANFINS	2804		1
	STANFINS	1504		1
	STANFINS	3204		1
	STANFINS	3304		1
	STANFINS	0082		1
	STANFINS	2104		1
	STANFINS	1602		1
	STANFINS	1304		1
	VIABLE	1404		2
	VIABLE	1504		2
	VIABLE	1304		1
	VIABLE	2104		1
	VIABLE	1602		2
	VIABLE	3804		2
	VIABLE	4304		2
	VIABLE	3704		1
	VIABLE	2904		1
4C	ASSETS	3204		2
	ASSETS	3804		2
	ASSETS	3704		2
	FEEMS	1704		3
	FEJE	4004		1
	FEJE	3304		1
	FEJE	3804		2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4C	FEMSMOD	2505		2
	FEMSMOD	1604		3
	FEMSMOD	3204		2
	FEMSMOD	3704		2
	FEMSMOD	2304		2
	FEMSMOD	3904		2
	FEMSMOD	1304		2
	FEMSMOD	3804		2
	FESS	1304		2
	FESS	3804		2
	FORWRD	1604		1
	FORWRD	3704		1
	FORWRD	3204		1
	HQIFS	1304		2
	HQIFS	2704		1
	IFDEP	2804		1
	IFDEP	2505		2
	IFDEP	3504		2
	IFDEP	3504		2
	IFDEP	3204		1
	IFDEP	2704		1
	IFDEP	2804		1
	IFDEP	0110		2
	IFDEP	1604		1
	IFS-1	3304		2
	IFS-1	2704		1
	IFS-1	2304		2
	IFS-1	3704		2
	IFS-1	3204		2
	RPMAMOD	3704		2
	RPMAMOD	3204		2
	RPMAMOD	1710		2
	RPMAMOD	1304		2
	STANFINS	1602		1
	VIALE	2704		2
	VIALE	0110		2
	VIALE	2909		2
	VIALE	1304		2
	VIALE	3704		1
4D	FEMSMOD	0104		2
	FEMSMOD	3904		2
	FEMSMOD	1704		1
	FEMSMOD	3304		3
	FEMSMOD	0107		2
	FESS	1804		1
	FORWRD	3204		1
	IFDEP	3204		1
	IFDEP	2904		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4D	IFS-1	3304		2
	IFS-1	2904		2
	RPMAMOD	2704		1
	RPMAMOD	0804		1
	RPMAMOD	2804		1
	RPMAMOD	3004		1
	RPMAMOD	1404		2
	RPMAMOD	0104		2
	RPMAMOD	0081		2
	VIALE	2904		1
4E	ASSETS	3304		4
	ASSETS	3507		3
	ASSETS	0304		1
	FEEMS	0071		1
	FEEMS	0071		1
	FEJE	3804		1
	FEJE	3304		1
	FEJE	2804		1
	FEMSMOD	2804		1
	FEMSMOD	1304		1
	FEMSMOD	0304		1
	FEMSMOD	0108		1
	FEMSMOD	3507		3
	FEMSMOD	0081		2
	FEMSMOD	1404		1
	FEMSMOD	3204		1
	FEMSMOD	0404		1
	FEMSMOD	3904		2
	FEMSMOD	1504		2
	FEMSMOD	2505		2
	FESS	1304		2
	FESS	2604		1
	FESS	4010		3
	HQIFS	0402		1
	HQIFS	1304		2
	HQIFS	0804		1
	IFDEP	4004		1
	IFDEP	0304		1
	IFDEP	2704		1
	IFDEP	0806		1
	IFDEP	3213		1
	IFDEP	0304		1
	IFDEP	0804		1
	IFDEP	2604		1
	IFDEP	3204		1
	IFDEP	3704		1
	IFDEP	2909		2
	IFDEP	1304		2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4E	IFDEP	1404		1
	IFDEP	2505		2
	IFDEP	2904		1
	IFDEP	2604		1
	IFDEP	3304		1
	IFDEP	0504		2
	IFDEP	2804		1
	IFDEP	0404		1
	IFDEP	1504		2
	IFDEP	2804		1
	IFDEP	1604		1
	IFDEP	4304		1
	IFDEP	3304		1
	IFDEP	3204		1
	IFS-1	1404		1
	IFS-1	2904		2
	IFS-1	3204		1
	IFS-1	3507		3
	IFS-1	0402		1
	IFS-1	4304		1
	IFS-1	2704		1
	RPMAMOD	2804		1
	RPMAMOD	3204		1
	RPMAMOD	0402		1
	RPMAMOD	3304		2
	RPMAMOD	1404		2
	RPMAMOD	3507		3
	TACAPS	0402		1
	VIALE	2505		2
	VIALE	2904		1
	VIALE	1404		2
	VIALE	2909		2
4F	ASSETS	3304		4
	FEJE	2604		1
	FEJE	3704		1
	FEJE	0304		1
	FEJE	3304		1
	FEJE	1804		1
	FEJE	0713		2
	FEJE	4304		1
	FEJE	3204		1
	FEMSMOD	0404		1
	FEMSMOD	0108		1
	FEMSMOD	2804		1
	FESS	1704		1
	HQIFS	3504		1
	IFDEP	0504		2
	IFDEP	4004		2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4F	IFDEP	2904		1
	IFDEP	0404		1
	IFS-1	3204		1
	IFS-1	2904		2
	STANFINS	1304		1
	VIALE	2904		1
4G	ASSETS	3304		4
	FEEMS	1704		3
	FEJE	2804		1
	FEJE	1806		1
	FEJE	1602		1
	FEMSMOD	0404		1
	FEMSMOD	1404		1
	FEMSMOD	0108		1
	FEMSMOD	2804		1
	FESS	1806		1
	FORWRD	3704		1
	FORWRD	1604		1
	HQIFS	0402		1
	IFDEP	1404		1
	IFDEP	0804		1
	IFDEP	1806		1
	IFDEP	3213		1
	IFDEP	3004		1
	IFDEP	2804		1
	IFDEP	2704		1
	IFDEP	2804		1
	IFDEP	3304		1
	IFS-1	0402		1
	IFS-1	4004		2
	IFS-1	1404		1
	IFS-1	1404		1
	IFS-1	2704		1
	IFS-1	2804		1
	IFS-1	3204		1
	RPMAMOD	0402		1
	RPMAMOD	0804		1
	RPMAMOD	0108		2
	TACAPS	0402		1
	VIALE	1404		1
4H	ASSETS	3604		3
	FEJE	2404		1
	FEJE	0804		1
	FEJE	2704		1
	FEJE	3004		1
	FEJE	3204		1
	FEJE	3704		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4H	FEJE	1604		1
	FEJE	0402		1
	FEJE	2604		1
	FEJE	1404		1
	FEJE	2804		1
	FEJE	2604		1
	FEJE	4010		1
	FEJE	3804		1
	FEJE	2904		1
	FEJE	3804		2
	FEJE	3213		2
	FEJE	2304		1
	FEJE	2104		1
	FEJE	4004		1
	FEJE	1602		1
	FEJE	1704		3
	FEJE	3504		2
	FEJE	0302		2
	FEJE	0304		1
	FEJE	0081		1
	FEJE	2604		1
	FEJE	0806		1
	FEJE	3604		1
	FEJE	3704		1
	FEJE	1404		1
	FEJE	4304		1
	FEJE	1504		2
	FEJE	3704		1
	FEJE	0713		2
	FEMSMOD	2804		1
	FEMSMOD	3604		2
	FESS	3304		1
	FESS	2904		1
	FESS	1604		1
	FESS	3704		3
	FESS	3204		2
	FESS	2704		1
	FESS	2404		1
	FORWRD	3704		1
	FORWRD	1604		1
	IFDEP	1604		1
	IFDEP	3604		3
	IFDEP	1404		1
	IFDEP	0110		2
	IFS-1	3604		3
	PAVER	2904		2
	RPMAMOD	3304		4
	RPMAMOD	3604		4
	VIABLE	3604		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4I	FEEMS	2612		1
	FEJE	3504		2
	FEJE	2104		1
	FEJE	0713		2
	FEJE	1304		1
	FEJE	2111		2
	FEJE	1504		2
	FEJE	4004		1
	FEJE	2304		1
	FEJE	1602		1
	FEJE	0081		1
	FEJE	3804		1
	FEJE	1804		1
	FEMSMOD	1404		1
	FEMSMOD	2804		1
	FESS	3213		2
	FESS	4304		1
	FESS	3012		1
	FESS	2104		1
	FESS	1604		1
	FESS	1404		2
	FESS	3804		2
	FESS	0713		2
	FESS	3004		1
	FESS	2904		1
	FESS	3304		1
	FESS	2704		1
	FESS	0304		1
	FESS	2804		1
	FESS	1404		1
	FESS	2604		2
	FESS	2604		1
	FESS	4004		1
	HQIFS	0402		1
	IFDEP	4004		2
	IFS-1	0402		1
	IFS-1	1404		1
	RPMAMOD	3304		4
	RPMAMOD	0402		1
	TACAPS	0402		1
	VIABLE	1404		1
4J	FEJE	2904		1
	FEJE	3304		1
	FEMSMOD	1704		1
	FEMSMOD	3213		2
	FEMSMOD	1704		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4J	FESS	2904		1
	FESS	1804		1
	FORWRD	1304		1
	IFDEP	1404		1
	IFDEP	0404		1
	IFDEP	2704		1
	IFS-1	2704		1
	PAVER	2904		2
	RPMAMOD	3204		1
	RPMAMOD	3304		4
4K	ASSETS	2304		3
	ASSETS	0304		1
	ASSETS	3004		3
	ASSETS	1604		2
	ASSETS	3604		1
	FEJE	0304		1
	FEJE	1604		2
	FEJE	3004		3
	FEJE	2909		2
	FEMSMOD	1604		3
	FEMSMOD	0304		1
	FEMSMOD	1304		1
	FEMSMOD	3304		2
	FEMSMOD	3004		2
	FEMSMOD	3604		1
	FEMSMOD	4303		1
	FEMSMOD	0081		2
	FEMSMOD	0804		1
	FEMSMOD	2304		2
	FEMSMOD	3213		2
	FEMSMOD	3804		2
	FEMSMOD	1704		1
	FEMSMOD	1304		2
	FESS	1604		1
	FESS	1304		1
	FESS	1704		1
	FESS	1604	N/A	
	FESS	1304	2	
	FORWRD	3004	2	
	HQIFS	0804	1	
	HQIFS	1304	2	
	HQIFS	2704	1	
	IFDEP	1810	N/A	
	IFDEP	1704	1	
	IFDEP	3604	1	
	IFDEP	1810	N/A	
	IFDEP	1604	2	

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating Score
4K	IFDEP	1304	1
	IFDEP	1811	2
	IFDEP	0304	1
	IFDEP	1810	N/A
	IFDEP	1811	2
	IFDEP	0704	1
	IFDEP	2104	1
	IFDEP	3304	1
	IFDEP	0018	2
	IFDEP	1504	2
	IFDEP	1304	2
	IFDEP	2704	1
	IFDEP	1604	1
	IFDEP	2909	2
	IFDEP	3004	2
	IFDEP	0304	1
	IFS-1	3304	2
	IFS-1	0304	1
	IFS-1	3504	2
	IFS-1	2704	1
	IFS-1	3604	1
	IFS-1	2304	2
	IFS-1	2104	1
	IFS-1	4004	1
	IFS-1	3504	2
	IFS-1	0704	1
	RPMAMOD	3004	4
	STANFINS	3004	3
	VIALE	1704	2
	VIALE	2104	2
	VIALE	1304	1
	VIALE	1304	1
	VIALE	2304	3
	VIALE	3304	1
	VIALE	0804	3
	VIALE	2804	2
	VIALE	1404	1
	VIALE	2704	2
	VIALE	1504	2
	VIALE	1602	2
	VIALE	1304	2
	VIALE	3804	2
	VIALE	3004	3
	VIALE	1404	1
4L	ASSETS	2909	2
	ASSETS	4304	2
	ASSETS	3504	4

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4L	FEJE	3204		2
	FEMSMOD	3213		2
	FEMSMOD	2909		2
	FEMSMOD	0304		1
	FEMSMOD	3304		2
	FEMSMOD	4304		1
	FEMSMOD	3204		3
	FEMSMOD	3504		4
	FESS	1604		N/A
	FESS	1504		2
	FORWRD	0704		1
	HQIFS	2704		1
	IFDEP	3204		3
	IFDEP	2104		1
	IFDEP	3504		1
	IFDEP	1604		2
	IFDEP	2704		1
	IFDEP	1604		1
	IFDEP	3704		2
	IFDEP	2909		2
	IFS-1	2704		1
	IFS-1	0304		1
	IFS-1	0704		1
	IFS-1	3504		4
	IFS-1	2104		1
	RPMAMOD	3504		4
	RPMAMOD	4304		1
	RPMAMOD	2909		2
	STANFINS	1804		2
	STANFINS	1504		1
	VIALE	4304		1
	VIALE	0704		2
	VIALE	3604		1
	VIALE	1504		2
	VIALE	2304		2
	VIALE	0304		1
	VIALE	2704		2
4M	ASSETS	3204		2
	FEMSMOD	4004		1
	FEMSMOD	3204		2
	FEMSMOD	3304		2
	FEMSMOD	1504		2
	IFDEP	3704		2
	IFS-1	3204		2
	RPMAMOD	4004		1
	RPMAMOD	3204		2
	SIDPERS	3904		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
4N	VIALE	0110		2
	ASSETS	1604		2
	ASSETS	3004		3
	ASSETS	2404		1
	DDES	2604		2
	FEJE	3004		3
	FEJE	1604		2
	FEJE	1404		1
	FEMSMOD	0304		1
	FEMSMOD	1604		3
	FEMSMOD	3004		2
	FESS	0304		1
	FESS	1404		1
	FESS	1504		2
	FESS	1604		N/A
	FORWRD	2804		2
	FORWRD	3004		2
	FORWRD	0081		1
	FORWRD	0806		4
	HQIFS	2404		1
	IFDEP	1504		2
	IFDEP	2304		2
	IFDEP	3204		3
	IFDEP	2404		1
	IFDEP	2104		1
	IFDEP	0304		1
	IFDEP	2604		1
	IFDEP	3004		2
	IFS-1	2104		1
	IFS-1	2404		1
	IFS-1	1404		1
	RPMAMOD	2404		1
	RPMAMOD	3004		4
	STANFINS	3004		3
	TACAPS	0108		1
	TACAPS	2404		2
	VIALE	0704		2
	VIALE	3004		3
	VIALE	2904		1
40	1391	0055		1
	ASSETS	1404		1
	ASSETS	2304		3
	DDES	2604		2
	ECONPACK	0055		1
	FEJE	1404		1
	FEMSMOD	1404		1
	FEMSMOD	3204		3
	FESS	1404		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEER RESOURCES MANAGEMENT DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
40	IFDEP	1404		1
	IFDEP	2304		2
	IFS-1	1404		1
	PAX	0055		1
	PAXMAIL	0055		1
	RPMAMOD	1404		2
	SAILS	1404		2
	STANFINS	1404		2
	TACAPS	0108		1
	VIALE	2804		2
	VIALE	1404		1
4P	ASSETS	2909		2
	FEJE	3204		2
	FEMSMOD	1404		1
	FEMSMOD	3204		3
	FEMSMOD	2909		2
	FORWRD	0704		1
	FORWRD	3204		2
	RPMAMOD	2909		2
	SAILS	3004		4
	VIALE	0704		2
4Q	FEJE	2413		2
	FEMSMOD	1804		2
	FEMSMOD	1604		3
	FORWRD	3704		1
	IFDEP	1604		2
	VIALE	1404		1
	VIALE	2104		2
4R	FEEMS	2407		2
	FEJE	2413		2
	FEJE	3204		1
	FORWRD	3804		2
	FORWRD	3204		1
	IFDEP	2407		4
	MCPRS	2413		3
	PMS	1506		3
	RPMAMOD	2604		2
	VIALE	1506		3
4S	JUMPS	3304		4
ERM	FEMSMOD	2604		1
	HQIFS	1804		1
	IFDEP	1602		1
	IFS-1	1602		2
	VIALE	2604		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5A	1391	0107		1
	1391	1807		1
	1391	0108		2
	1391	0807		1
	1391	4107		1
	ACTS	1807		1
	ACTS	3507		4
	ACTS	4107		2
	ACTS	3007		2
	ACTS	0707		1
	ACTS	3607		1
	ACTS	0407		2
	ACTS	0807		2
	AES	2107		1
	ASIP	0081		3
	ASIP	0807		1
	ASSETS	1602		2
	ASSETS	0807		4
	ASSETS	0307		3
	CAPCES	1602		1
	CAPCES	0107		1
	CAPCES	0807		1
	DSS	3507		4
	ECONPACK	1807		2
	ECONPACK	0807		1
	FEMSMOD	1307		3
	FEMSMOD	0807		4
	FORWRD	1805		1
	FORWRD	1710		1
	HQIFS	0807		3
	IFS-1	0807		4
	JUMPS	0807		4
	PAVER	2907		2
	PAVER	4007		2
	PAVER	1307		2
	PAVER	3807		1
	PAX	0407		1
	PAX	0071		1
	PAX	1807		1
	PAX	3607		1
	PAX	4107		1
	PAX	0071		1
	PAX	0807		1
	PAX	4307		1
	PAXMAIL	0407		1
	PAXMAIL	0807		1
	PAXMAIL	1807		1
	RPMAMOD	4107		3
	RPMAMOD	0807		4

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5A	VIABLE	0307		4
5B	1391	0107		1
	ASSETS	1602		2
	CAPCES	0107		1
	PAXMAIL	0107		1
	PAXMAIL	2907		1
5C	1391	0707		1
	1391	1607		1
	1391	1407		1
	1391	0077		2
	1391	0059		1
	1391	2407		1
	1391	2607		1
	1391	1507		1
	1391	0108		2
	1391	0302		1
	1391	1507		2
	1391	1602		1
	1391	0807		1
	1391	1107		1
	1391	1807		1
	1391	0107		1
	ACTS	0058		2
	ACTS	3007		2
	ACTS	0207		4
	ACTS	2407		2
	ACTS	0707		1
	ACTS	0807		2
	ACTS	1307		2
	ACTS	1807		1
	ACTS	3507		4
	ACTS	3607		1
	ACTS	0407		2
	ASIP	4107		2
	ASIP	0207		2
	ASIP	0807		1
	ASIP	0081		3
	ASIP	3707		2
	ASIP	0302		1
	ASIP	2907		1
	ASIP	3507		4
	ASIP	1307		1
	ASSETS	0807		4
	ASSETS	2311		1
	ASSETS	1602		2
	CAPCES	2311		2
	CAPCES	1307		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating Score
5C	CAPCES	0707	2
	CAPCES	1602	1
	CAPCES	0059	2
	CAPCES	1607	1
	CAPCES	2407	2
	CAPCES	1507	2
	CAPCES	0059	2
	CAPCES	1107	N/A
	DSS	3507	4
	ECONPACK	1107	1
	ECONPACK	4307	2
	ECONPACK	0807	1
	ECONPACK	0207	2
	ECONPACK	2407	2
	ECONPACK	0707	2
	FEMSMOD	0807	4
	HOMES	1307	2
	HQIFS	0407	2
	HQIFS	3507	4
	HQIFS	0807	3
	IFS-1	0807	4
	JUMPS	0807	4
	PAX	0071	1
	PAX	0707	1
	PAX	2407	1
	PAX	4307	1
	PAX	1507	1
	PAX	1807	1
	PAX	0090	N/A
	PAX	1107	1
	PAX	0807	1
	PAX	1602	1
	PAX	0077	2
	PAX	0071	1
	PAX	0059	1
	PAX	3607	1
	PAX	1307	1
	PAX	3707	1
	PAX	2607	1
	PAX	0058	1
	PAXMAIL	2407	1
	PAXMAIL	1107	1
	PAXMAIL	2607	1
	PAXMAIL	1507	1
	PAXMAIL	3707	1
	PAXMAIL	3307	1
	PAXMAIL	1607	1
	PAXMAIL	1807	1
	PAXMAIL	0058	1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5C	PAXMAIL	2107		2
	PAXMAIL	0807		1
	PAXMAIL	0107		1
	PAXMAIL	0090		N/A
	PAXMAIL	0207		1
	PAXMAIL	0707		2
	PAXMAIL	2907		1
	PAXMAIL	0108		2
	PAXMAIL	0059		1
	RPMAMOD	0807		4
	SAILS	1307		3
	SAM	3607		2
	SAM	3507		4
	VIABLE	2407		3
	VIABLE	2311		4
5D	1391	0076		1
	1391	0207		3
	1391	0307		2
	1391	2907		1
	1391	4007		2
	1391	0806		1
	1391	3307		1
	1391	1407		1
	1391	0707		1
	1391	3607		2
	1391	0058		1
	1391	3807		2
	1391	0907		1
	1391	2311		1
	1391	2107		1
	1391	3507		1
	1391	3007		1
	1391	1607		1
	1391	0807		1
	1391	0091		1
	1391	0090		N/A
	1391	0065		1
	1391	0059		1
	1391	0071		1
	1391	1507		2
	1391	3607		1
	1391	1507		1
	1391	3807		1
	1391	3707		1
	1391	2707		1
	1391	0302		1
	1391	2607		1
	1391	1307		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5D		1391		1
		1391		2
		1391		3
		1391		2
		1391		2
		1391		1
		1391		1
		1391		1
		1391		1
	ACTS	3807		2
	ACTS	4107		2
	ACTS	3607		1
	ACTS	0707		1
	ACTS	1307		2
	ACTS	0058		2
	ACTS	0807		2
	ASIP	0807		1
	ASIP	0302		1
	ASIP	3007		3
	ASIP	4107		2
	ASIP	3807		N/A
	ASSETS	2311		1
	ASSETS	0807		4
	CAPCES	0059		2
	CAPCES	3607		3
	CAPCES	0407		2
	CAPCES	3507		4
	CAPCES	0707		2
	CAPCES	1607		1
	CAPCES	0059		2
	CAPCES	3307		1
	CAPCES	1602		1
	CAPCES	0045		1
	CAPCES	3807		2
	CAPCES	0807		1
	CAPCES	0058		1
	CAPCES	1807		2
	CAPCES	3707		1
	CAPCES	2311		2
	DSS	1307		1
	ECONPACK	2907		3
	ECONPACK	1807		2
	ECONPACK	0707		2
	ECONPACK	0071		1
	ECONPACK	4107		1
	ECONPACK	0407		3
	ECONPACK	3707		2
	ECONPACK	2107		1
	ECONPACK	3807		1
	ECONPACK	0045		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5D	ECONPACK	3307		2
	ECONPACK	3607		1
	ECONPACK	0807		1
	ECONPACK	0071		1
	ECONPACK	3507		3
	ECONPACK	2311		2
	ECONPACK	3007		1
	ECONPACK	1607		2
	ECONPACK	1507		1
	ECONPACK	0076		2
	FEMSMOD	0807		4
	HOMES	1307		2
	HQIFS	0807		3
	HQIFS	3807		2
	HQIFS	0407		2
	HQIFS	0707		1
	IFS-1	0807		4
	JUMPS	0807		4
	PAVER	3807		1
	PAX	3507		1
	PAX	2907		1
	PAX	2707		1
	PAX	0076		1
	PAX	0806		1
	PAX	3307		1
	PAX	4107		1
	PAX	3707		1
	PAX	0707		1
	PAX	2311		1
	PAX	0058		1
	PAX	0090		N/A
	PAX	2607		1
	PAX	0807		1
	PAX	0059		1
	PAX	0907		1
	PAX	0091		1
	PAX	1507		1
	PAX	0071		1
	PAX	0077		2
	PAX	3807		1
	PAX	1307		1
	PAX	3607		1
	PAX	3007		1
	PAX	0071		1
	PAX	4007		2
	PAXMAIL	2607		1
	PAXMAIL	0907		1
	PAXMAIL	3607		1
	PAXMAIL	2107		2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5D	PAXMAIL	0707		2
	PAXMAIL	3807		2
	PAXMAIL	0302		1
	PAXMAIL	0045		1
	PAXMAIL	1607		1
	PAXMAIL	3707		1
	PAXMAIL	4007		2
	PAXMAIL	4107		2
	PAXMAIL	3807		1
	PAXMAIL	1507		1
	PAXMAIL	2606		2
	PAXMAIL	3507		1
	PAXMAIL	0059		1
	PAXMAIL	2311		1
	PAXMAIL	0058		1
	PAXMAIL	0076		1
	PAXMAIL	0090		N/A
	PAXMAIL	0402		1
	PAXMAIL	0108		2
	RPMAMOD	0807		4
	SAILS	1307		3
	SAM	3807		2
5E	1391	1507		1
	1391	2311		1
	1391	2607		1
	1391	0707		1
	1391	0302		1
	1391	1507		2
	ASIP	2107		3
	CAPCES	0071		2
	CAPCES	0058		1
	CAPCES	2907		2
	CAPCES	0707		2
	CAPCES	0071		2
	CAPCES	1507		2
	CAPCES	3607		3
	CAPCES	0407		2
	CAPCES	1307		1
	MCPRS	1307		3
	PAX	2311		1
	PAX	2107		2
	PAX	0407		1
	PAX	1507		1
	PAX	4107		1
	PAX	1307		1
	PAX	2607		1
	PAXMAIL	0076		1
	PAXMAIL	1507		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5E	PAXMAIL	0302		1
	PAXMAIL	1507		2
	PAXMAIL	0806		1
	PAXMAIL	1607		1
	PAXMAIL	2607		1
	PAXMAIL	0107		1
	PAXMAIL	0059		1
	PAXMAIL	0058		1
	PAXMAIL	1107		1
5F	1391	2107		1
	1391	0108		2
	1391	3807		1
	ACTS	0058		2
	ASSETS	0307		2
	CAPCES	1507		2
	HQIFS	0407		2
	PAX	0707		1
	PAX	0058		1
	PAX	3807		1
	PAXMAIL	0108		2
	PAXMAIL	2107		2
	PAXMAIL	0407		1
	PAXMAIL	4307		2
	PAXMAIL	0707		2
	PAXMAIL	3807		1
	SAM	1807		2
5G	FEMSMOD	3607		2
	FEMSMOD	1710		2
	FEMSMOD	2007		3
	FESS	1507		1
	IFDEP	3607		2
	IFDEP	2007		3
	IFS-1	1607		4
	IFS-1	1507		3
	PAVER	3807		1
	PAX	2311		1
	PAXMAIL	3507		1
	PAXMAIL	1607		2
	VIABLE	1407		2
	VIABLE	2007		3
	VIABLE	2907		2
	VIABLE	0307		4
5H	ACTS	0045		2
	ASIP	2311		2
	ASSETS	2311		2
	ASSETS	1407		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5H	ASSETS	2903		1
	ASSETS	0307		2
	ASSETS	3307		2
	ASSETS	2604		1
	ASSETS	1812		2
	ASSETS	2107		1
	FESS	1507		1
	FESS	2107		1
	FESS	1307		1
	HQIFS	0707		1
	RPMAMOD	2406		2
	RPMAMOD	1307		2
	TACAPS	2107		1
	VIALE	2903		1
	VIALE	0807		4
	VIALE	2311		3
	VIALE	2604		1
5I	ASSETS	2107		1
	ASSETS	0081		2
	ASSETS	1407		1
	ASSETS	0076		2
	ASSETS	1407		2
	ASSETS	2903		1
	ASSETS	0307		2
	ASSETS	2604		1
	ASSETS	0108		2
	ASSETS	2311		2
	ASSETS	3904		1
	FEJE	2311		1
	FESS	2311		1
	FESS	2107		1
	FESS	1307		1
	FESS	1507		3
	HQIFS	0058		2
	HQIFS	0707		1
	HQIFS	1107		1
	IFDEP	1307		2
	IFDEP	1107		2
	IFDEP	0807		3
	IFDEP	2007		3
	RPMAMOD	1804		1
	RPMAMOD	2107		2
	RPMAMOD	1307		2
	RPMAMOD	3307		2
	TACAPS	2107		1
	VIALE	0307		2
	VIALE	1107		2
	VIALE	1307		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

ENGINEERING PLANS AND SERVICES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
5I	VIALE	2604		1
	VIALE	2903		1
	VIALE	2311		3
	VIALE	0807		4
5J	ASSETS	2311		2
	ASSETS	2903		1
	ASSETS	0081		2
	ASSETS	1407		1
	ASSETS	0108		2
	ECONPACK	3807		1
	FESS	1507		3
	FORWRD	1507		1
	IFDEP	0807		3
	VIALE	2311		3
	VIALE	0807		4
5K	1391	1602		1
	ACTS	3507		4
	ACTS	1407		1
	ACTS	1307		2
	ACTS	0407		2
	ACTS	4107		2
	ASIP	2311		2
	ASIP	4107		2
	CAPCES	0407		2
	DSS	3507		4
	ECONPACK	3607		1
	PAX	0407		1
	PAX	1602		1
	PAXMAIL	0407		1
	RPMAMOD	1812		2
	SAM	1807		2
	VIALE	2903		1
5L	PAVER	4007		2
	PAVER	1307		2
5M	CAPCES	0107		1
	FEMSMOD	4307		4
5O	PMS	1506		3
	VIALE	1407		1
5P	PAVER	4007		2
	PAVER	3507		4

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

SUPPLY AND STORAGE DIVISION

Task ID	System Name	ID	Rating	Score
6A	FEJE	3308		1
	FEJE	2308		2
	FESS	2608		1
	FESS	1804		1
	FESS	2112		1
	FESS	1408		1
	FESS	1304		1
	FESS	2110		1
	FESS	2111		2
	FESS	1608		1
	FESS	0081		1
	FESS	1308		1
	FESS	1511		2
	FESS	0713		2
	FESS	3304		2
	FESS	2708		1
	FESS	0808		1
	FESS	4008		1
	FESS	3608		1
	FESS	0806		1
	FESS	1804		1
	FESS	2107		1
	FESS	2808		1
	FESS	1508		1
	FESS	3904		2
	FESS	2008		1
	FESS	2708		1
	FESS	4308		1
	FESS	2308		1
	FESS	2908		2
	FESS	1708		1
	FESS	0411		3
	FESS	0708		1
	FESS	2111		2
	FORWRD	0708		1
	FORWRD	4308		1
	IFDEP	2908		2
	IFDEP	1508		1
	IFS-1	1511		N/A
	PROPMOD	4308		1
	PROPMOD	2308		1
	PROPMOD	2508		N/A
	SAILS	4008		1
	SAILS	3308		1
	SAILS	0708		1
	SAILS	1608		1
	SAILS	1508		1
	SAILS	2908		2
	STANFINS	0708		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

SUPPLY AND STORAGE DIVISION

Task ID	System Name	ID	Rating	Score
6A	STANFINS	2908		2
	VIALE	0708		1
	VIALE	2908		2
	VIALE	1608		1
6B	FESS	3008		1
	FESS	2808		1
	FESS	2808		1
	FESS	3308		1
	FESS	1804		1
	FESS	1308		1
	FESS	4008		1
	FESS	2708		1
	FESS	0308		1
	FESS	4308		1
	FESS	1608		1
	FESS	2608		1
	FESS	2708		1
	FESS	3213		2
	FESS	2505		2
	FESS	3012		1
	FESS	3904		2
	FESS	0081		1
	FESS	0808		1
	FESS	2908		2
	FESS	2308		1
	FESS	1408		N/A
	FESS	1508		1
	FESS	0808		1
	FESS	3608		1
	FESS	1708		1
	FESS	1408		1
	IFDEP	1408		N/A
	IFDEP	1508		1
	IFS-1	1408		N/A
	PROPMOD	2308		1
	PROPMOD	2508		N/A
	PROPMOD	2604		1
	PROPMOD	3008		1
	SAILS	0081		1
	SAILS	1508		1
	SAILS	4008		1
6C	FEJE	3308		1
	FESS	2608		1
	FESS	1804		1
	FESS	2908		2
	FESS	2808		1
	FESS	0081		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

SUPPLY AND STORAGE DIVISION

Task ID	System Name	ID	Rating Score
6C	FESS	1408	N/A
	FESS	2808	1
	FESS	3008	1
	FESS	3308	1
	FESS	2708	1
	FESS	0808	1
	FESS	0308	1
	FESS	1508	1
	FESS	0808	1
	FESS	4308	1
	FESS	2308	1
	FESS	2708	1
	FESS	3213	2
	FESS	1608	1
	FESS	4308	1
	FESS	3608	1
	FESS	4008	1
	FESS	1308	1
	FESS	1408	1
	FESS	0708	1
	FESS	2008	1
	FESS	1708	1
	FESS	3904	2
	IFDEP	1408	2
	IFDEP	2908	2
	IFDEP	3308	2
	IFDEP	1408	N/A
	IFDEP	1608	1
	IFDEP	1508	1
	IFS-1	0308	1
	IFS-1	1608	1
	IFS-1	1511	N/A
	IFS-1	2508	2
	IFS-1	1408	2
	IFS-1	0408	4
	IFS-1	1408	N/A
	PMS	1408	N/A
	PROPMOD	3008	1
	PROPMOD	0708	1
	PROPMOD	2604	1
	PROPMOD	0408	2
	PROPMOD	2308	1
	PROPMOD	4308	1
	PROPMOD	2508	N/A
	SAILS	1508	1
	SAILS	2908	2
	SAILS	2903	2
	SAILS	0108	1
	SAILS	2908	2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

SUPPLY AND STORAGE DIVISION

Task ID	System Name	ID	Rating Score
6C	SAILS	3308	1
	SAILS	4008	1
	SAILS	4008	1
	SAILS	1608	1
	SAILS	2508	1
	SAILS	2308	1
	STANFINS	3308	1
	STANFINS	2908	2
	VIABLE	1608	1
	VIABLE	2908	2
	VIABLE	2308	2
6D	FESS	4308	1
	FESS	3308	1
	FESS	2008	1
	FESS	2808	1
	FESS	2903	2
	FESS	0708	1
	FESS	3008	1
	IFDEP	2508	1
	IFDEP	2508	1
	IFDEP	3308	2
	IFS-1	2508	2
	PMS	1408	N/A
	PROPMOD	2604	1
	PROPMOD	4308	1
	PROPMOD	1508	1
	PROPMOD	0708	1
	PROPMOD	3008	1
	PROPMOD	0408	2
	SAILS	2508	1
	SAILS	1608	1
	SAILS	3308	1
	SAILS	3008	1
	SAILS	2308	1
	STANFINS	3308	1
	VIABLE	2608	1
	VIABLE	2508	3
	VIABLE	3008	3
	VIABLE	2308	2
	VIABLE	1608	1
6E	FEEMS	0081	1
	FESS	2903	2
	FESS	2908	2
	IFDEP	3308	2
	PROPMOD	2111	2
	PROPMOD	4008	1
	PROPMOD	0708	1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

SUPPLY AND STORAGE DIVISION

Task ID	System Name	ID	Rating	Score
6E	PROPMOD	1508		1
	PROPMOD	2110		3
	SAILS	3008		1
	VIABLE	1708		1
6F	FEJE	2903		3
	FESS	0808		1
	FESS	0708		1
	FESS	4308		1
	FESS	0708		1
	IFDEP	2308		1
	IFDEP	2508		1
	IFDEP	2508		1
	IFS-1	0308		1
	PMS	1408		N/A
	PROPMOD	1503		3
	PROPMOD	2505		2
	PROPMOD	4008		1
	PROPMOD	1508		1
	SAILS	0408		1
	SAILS	2308		1
	SAILS	2708		1
	SAILS	2508		1
	SAILS	2608		1
	SAILS	0708		1
	SAILS	3608		1
	SAILS	3008		1
	SAILS	0081		1
	SAILS	1708		1
	SAILS	2808		3
	SIDPERS	0408		1
	STANFINS	0708		1
	STANFINS	2508		1
	STANFINS	3308		1
	VIABLE	4008		2
	VIABLE	2308		2
	VIABLE	2808		2
6G	FORWRD	2308		1
SSD	FESS	3308		1
	FESS	0308		1
	FESS	0408		1
	FESS	2508		1
	FESS	2508		1
	FESS	2608		1
	PROPMOD	2608		1
	SAILS	1502		2
	SAILS	3904		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

BUILDINGS AND GROUNDS DIVISION

Task ID	System Name	ID	Rating Score
7A	ASSETS	0111	2
	CAPCES	0047	2
	FEJE	3010	3
	FEJE	2610	3
	FEJE	0410	2
	FEJE	2610	4
	FEJE	2910	2
	FEMSMOD	2110	2
	FEMSMOD	1804	1
	FEMSMOD	0410	4
	FESS	2910	2
	FESS	0510	4
	FESS	0510	4
	FESS	0410	4
	FESS	0510	4
	FESS	1310	3
	IFDEP	0510	4
	IFDEP	2910	2
	IFDEP	1310	3
	IFDEP	0510	4
	IFS-1	1410	2
	IFS-1	0111	2
	IFS-1	2410	4
	IFS-1	1410	2
	IFS-1	0410	4
	IFS-1	2110	2
	IFS-1	3010	2
	IFS-1	2910	4
	NAFISS	0047	2
	PAVER	0081	3
	PAVER	0806	1
	PAVER	1610	2
	PAVER	2910	1
	PAVER	0049	4
	RPMAMOD	0111	2
	RPMAMOD	2610	3
	RPMAMOD	2411	3
	RPMAMOD	2110	2
	RPMAMOD	2610	2
	VIALE	3010	2
7B	FESS	0510	4
	FESS	1310	3
	IFDEP	1310	3
	IFDEP	0510	4
7C	FESS	1310	3
	FESS	0510	4
	IFDEP	1310	3

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

BUILDINGS AND GROUNDS DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
7D	ASSETS	0111		2
	FEEMS	0081		1
	FEMSMOD	1804		1
	IFS-1	0111		2
	RPMAMOD	0111		2
7E	RPMAMOD	2610		3
	RPMAMOD	2610		2
7F	FESS	0510		4
	IFDEP	0510		4
7G	ASSETS	0111		2
	ASSETS	2110		2
	FESS	2610		2
	FESS	2610		3
	IFDEP	2910		2
	IFS-1	0111		2
	IFS-1	0410		4
	IFS-1	2910		4
	IFS-1	3010		2
	IFS-1	2410		4
	PAVER	1610		2
	PAVER	0081		3
	PAVER	2910		1
	RPMAMOD	2610		3
	RPMAMOD	0111		2
	RPMAMOD	2411		3
	RPMAMOD	2610		2
	VIALE	2910		4
	VIALE	3010		2
7H	FEMSMOD	1804		1
	FESS	0510		4
7J	FEJE	2910		2
	FESS	2910		2
	FESS	0510		4
	IFDEP	0510		4
	IFS-1	0110		2
	IFS-1	2410		4
	IFS-1	0410		4
	PAVER	0081		3
	PAVER	2910		1
	PAVER	1610		2
	RPMAMOD	2411		3
	TACAPS	0110		2
BGD	VIALE	1410		4

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

UTILITIES DIVISION

Task ID	System Name	ID	Rating	Score
8A	FEEMS	1804		1
	FEEMS	1511		2
	FEEMS	1511		2
	FEJE	3011		3
	FEJE	0311		3
	FEJE	2111		2
	FEMSMOD	2111		2
	FEMSMOD	1511		2
	FEMSMOD	3611		2
	FEMSMOD	2111		2
	FEMSMOD	1511		2
	FESS	3611		2
	FESS	3011		1
	FORWRD	1511		1
	FORWRD	2111		2
	FORWRD	1511		1
	FORWRD	2111		2
	IFDEP	3611		2
	IFDEP	3011		1
	IFDEP	2910		2
	IFS-1	3011		1
	IFS-1	2910		4
	IFS-1	2111		2
	VIABLE	3611		2
	VIABLE	0411		4
8B	FEEMS	1511		2
	FEEMS	1804		1
	FEEMS	1511		2
	FEJE	0311		3
	FEMSMOD	1511		2
	FEMSMOD	1511		2
	FESS	3011		1
	FORWRD	1511		1
	FORWRD	1511		1
	IFDEP	3011		1
	IFS-1	3011		1
8C	FEEMS	1511		2
	FEEMS	1511		2
	FEEMS	1804		1
	FEMSMOD	1511		2
	FEMSMOD	1511		2
	FORWRD	1511		1
	FORWRD	1511		1
	VIABLE	0411		4
8E	ACTS	0081		3
	ADDS	0081		3

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

UTILITIES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
8E	ADDS	1506		2
	AES	0081		3
	AES	1506		2
	DDES	1506		2
	DEIS	0081		3
	DEIS	1506		2
	EFS	1506		1
	EFS	0081		3
	EFS	3613		2
8F	ACTS	0081		3
	ADDS	2606		4
	ADDS	0806		2
	ADDS	1402		2
	ADDS	1506		2
	ADDS	1606		2
	ADDS	2406		4
	ADDS	1306	N/A	
	ADDS	0081		3
	AES	0081		3
	AES	1506		2
	COEMIS	1804		4
	DDES	1806		1
	DDES	2606		4
	DDES	1606		2
	DDES	1506		2
	DDES	0806		2
	DEIS	2306		2
	DEIS	3806		3
	DEIS	0071		3
	DEIS	0056		3
	DEIS	0071		3
	DEIS	0405		2
	DEIS	1110		2
	DEIS	1606		2
	DEIS	0611		1
	DEIS	1306	N/A	
	DEIS	2006		2
	DEIS	0090		2
	DEIS	1506		2
	DEIS	0081		3
	ECONPACK	0047		2
	EFS	1506		1
	EFS	0081		3
	RPMAMOD	2406		2
8G	ADDS	2406		4
	ADDS	0907		1
	DDES	1406		2

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

UTILITIES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
8G	DDES	2104		1
	DEIS	0907		1
	DEIS	2104		1
	RPMAMOD	2406		2
8H	ASSETS	0110		3
	IFS-1	0110		3
	RPMAMOD	0110		3
	VIALE	0411		4
8I	FEEMS	0047		2
8J	1391	0304		1
	ADDS	1306		N/A
	ASSETS	0304		1
	DDES	2104		1
	DEIS	1306		N/A
	DEIS	2104		1
	FEJE	0411		3
	FEJE	2910		2
	FEMSMOD	3611		2
	FEMSMOD	0304		1
	FESS	3611		2
	FESS	2910		2
	HQIFS	2111		2
	IFDEP	3611		2
	IFS-1	0304		1
	IFS-1	3511		3
	IFS-1	3511		3
	IFS-1	3511		3
	PROPMOD	2111		2
	RPMAMOD	2111		2
	RPMAMOD	0304		1
	SAIS	0304		1
	SIDPERS	0304		1
	STANFINS	0304		1
	STANFINS	3904		1
	STANFINS	3304		1
	TACAPS	3611		2
	VIALE	1406		1
	VIALE	3611		2
	VIALE	0304		1
8K	ASIP	1506		3
	FEMSMOD	3611		2
	IFDEP	3611		2
	PMS	1506		3
	VIALE	1511		N/A

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

UTILITIES DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
8K	VIABLE	1506		3
	VIABLE	2910		4
	VIABLE	3611		2
8L	VIABLE	1506		3

FIRE PROTECTION DIVISION

Task ID	System Name	ID	Rating	Score
9E	FESS	1509		2

HOUSING DIVISION

Task ID	System Name	ID	Rating	Score
10A	ASIP	3903		2
	HIMS	2503		1
	HIMS	3903		1
	HOMES	1403		1
	IFS-1	3703		3
	SIDPERS	3903		2
10B	ASIP	3903		2
	HIMS	3903		1
	HOMES	1403		1
	IFS-1	3703		3
	SIDPERS	3903		2
10C	ASIP	3903		2
	HIMS	3903		1
	HOMES	1403		1
	NAFISS	0403		1
	SIDPERS	3903		2
10D	ASIP	0403		1
	ASIP	1403		2
	ASIP	3803		1
	ASIP	1503		1
	ASIP	3803		1
	CAPCES	0807		1
	JUMPS	1503		1
	SIDPERS	1503		1
10E	1391	1807		1
	1391	3003		1
	ACTS	1807		1
	CAPCES	1807		2
	ECONPACK	1807		2
	ECONPACK	3003		1
	FEJE	4003		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

HOUSING DIVISION (cont'd)

Task ID	System Name	ID	Rating	Score
10E	IFS-1	3903		3
	PAX	1807		1
	PAXMAIL	1807		1
	PAXMAIL	3003		1
	PMS	3003		1
	SAM	1807		2
10F	HIMS	2503		1
10G	JUMPS	3903		2
10H	VIABLE	4303		1
10J	FESS	4003		1
	HIMS	1602		2
10K	NAFISS	0403		1
10M	NAFISS	3803		1
	NAFISS	0403		1
10N	HIMS	0403		4
10P	AES	4003		2
	ASIP	0403		1
	HIMS	0403		4
	JUMPS	3903		2
10Q	1391	0304		1
	ASSETS	0304		1
	FEMSMOD	0304		1
	IFS-1	0304		1
	RPMAMOD	0304		1
	SAILS	0304		1
	SIDPERS	0304		1
	STANFINS	0304		1
	STANFINS	4103		3
	VIABLE	0304		1
10S	HIMS	4003		2
	HIMS	0403		4
	VIABLE	4003		2
10T	HIMS	1303		1
	HIMS	3703		2
	HIMS	1602		2
	HIMS	1503		1
	HIMS	4103		1
	HIMS	0803		1

DEH TASKS AND CORRESPONDING STANDARD SYSTEM (cont'd)

HOUSING DIVISION

Task ID	System Name	ID	Rating	Score
10T	HIMS	2403		1
	VIABLE	1503		1
	VIABLE	4303		1
10U	HIMS	2803		2
	HIMS	4103		1
	HIMS	1503		1
	HIMS	3703		2
	HIMS	0803		1
	HIMS	1303		1
	HIMS	2003		1
	VIABLE	1503		1
10W	VIABLE	4103		1
	VIABLE	4303		1
10X	HOMES	2303		1
	VIABLE	2403		4
10AA	1391	2503		1
	ASIP	3003		2
	HQIFS	3003		2
	IFDEP	3003		2
	IFS-1	3903		3
	PAVER	3003		2
10AB	FEJE	2612		2
	IFS-1	4103		2
	IFS-1	3903		3
	RPMAMOD	3003		1
10AD	FESS	4003		1
10AE	FESS	4003		1
	SAILS	3803		2
	TACAPS	3803		1
	VIABLE	1703		1
SO	FORWRD	2508		2

FORM B

NON-STANDARD SYSTEMS

NAME: Micro-Computer Assisted DD From 1391 Preparation - (1391)
FE TASKS: 5A 5C(x5) 5D(x10) 5E 5F 5H 8F 10AA

RATING TOTALS	SCORE
-----	-----
13	1 = Very Helpful
1	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Computer Aided Design & Drafting - (CADD)
FE TASKS: 5A(x2) 5C(x4) 5D(x3) 5F(x2) 5M(x4)

RATING TOTALS	SCORE
-----	-----
7	1 = Very Helpful
1	2 = Somewhat Helpful
1	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Commitment Register Micro-Computer Aid - (CMIT)
FE TASKS: 4A(x3) 4B(x2) 4E 4H 4K 8L

RATING TOTALS	SCORE
-----	-----
3	1 = Very Helpful
1	2 = Somewhat Helpful
2	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Housing Non-Availability Program - (HNON)
FE TASKS: 10C 10E 10H 10I 10AC

RATING TOTALS	SCORE
-----	-----
1	1 = Very Helpful
0	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Housing Reservation/Billeting Micro-Computer Aid - (HSCH)
FE TASKS: 10C 10D 10E 10H(x2) 10I

RATING TOTALS	SCORE
-----	-----
2	1 = Very Helpful
0	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Obligation Plan Micro-Computer Aid - (OP)
FE TASKS: 4A(x3) 4B(x2) 4C 4E 4K

RATING TOTALS	SCORE
-----	-----
3	1 = Very Helpful
1	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Property Book Micro-Computer Aid - (PB)
FE TASKS: 5A 5L 6A 6B 6C(x2) 6E 9E

RATING TOTALS	SCORE
-----	-----
4	1 = Very Helpful
0	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Underground Gas Pipe Management - (PIPER)
FE TASKS: 4R 5C(x2) 5G 7J(x2) 8K 9M 9N 9O

RATING TOTALS	SCORE
-----	-----
4	1 = Very Helpful
1	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Real Property Micro-Computer Aid - (RP)
FE TASKS: 5I 5J 5K 9E 9J 9O 10E

RATING TOTALS	SCORE
-----	-----
3	1 = Very Helpful
0	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Building Scheduling Micro-Computer Aid - (SCH)
FE TASKS: 1A 5I 5J 5K 9O

RATING TOTALS	SCORE
-----	-----
1	1 = Very Helpful
2	2 = Somewhat Helpful
0	3 = Of Little Help
0	4 = Not Helpful/Not Used At All

NAME: Voice Activated Inspection System - (VAIS)
FE TASKS: 4 4C 4H 4J 5A 5L 5M 7I 9E

RATING TOTALS

SCORE

3 1 = Very Helpful
0 2 = Somewhat Helpful
1 3 = Of Little Help
1 4 = Not Helpful/Not Used At All

NAME: Work Order Tracking For Design Contracts - (WOT-DC)
FE TASKS: 4A(x2) 4C 4E 4I 4J 4K(x2) 4N(x2) 4O 5A 5C 8L 9O 10AB

RATING TOTALS

SCORE

6 1 = Very Helpful
1 2 = Somewhat Helpful
1 3 = Of Little Help
2 4 = Not Helpful/Not Used At All

DEH TASKS AND CORRESPONDING NON-STANDARD SYSTEMS

OFFICE OF THE DIRECTOR

TASK ID	SYSTEM NAME	ID	RATING SCORE
1A	SCH	3312	2

ENGINEER RESOURCES MANAGEMENT DIVISION

TASK ID	SYSTEM NAME	ID	RATING SCORE
4	VAIS	0806	2
4A	CMIT	1602	1
	CMIT	3507	3
	CMIT	2604	1
	OP	1602	1
	OP	2604	1
	OP	3507	2
	WOT	3704	4
	WOT	3004	N/A
4B	CMIT	1602	N/A
	CMIT	0402	2
	OP	2604	N/A
	OP	1602	N/A
4C	OP	2604	N/A
	VAIS	2904	1
	WOT	3704	1
4E	CMIT	1304	1
	OP	1304	1
	WOT	1602	N/A
4H	CMIT	0402	N/A
	VAIS	2904	N/A
4I	VAIS	2904	N/A
	WOT	1602	1
	WOT	1602	N/A
4K	CMIT	1304	N/A
	OP	1304	N/A
	WOT	3004	4
	WOT	2804	2
4N	WOT	3704	N/A
	WOT	3004	N/A

DEH TASKS AND CORRESPONDING NON-STANDARD SYSTEMS (cont'd)

TASK ID	SYSTEM NAME	ID	RATING SCORE
4O	WOT	3704	N/A
4R	CADD	1506	N/A
	PIPER	1506	N/A

ENGINEERING, PLANS AND SERVICES DIVISION

TASK ID	SYSTEM NAME	ID	RATING SCORE
5A	CADD	2307	1
	PB	2107	1
	PIPER	2907	1
	PIPER	3807	1
	VAIS	2307	1
	WOT	1107	1
	1391	1807	1
5C	CADD	3607A	1
	CADD	3807	1
	CADD	2107A	2
	CADD	1107	1
	CADD	3807	1
	CADD	1807	1
	CADD	1607A	1
	PIPER	2107	1
	PIPER	1607	1
	PIPER	3807	1
	PIPER	2907	N/A
	PIPER	3607	1
	PIPER	1107	1
	WOT	1107	N/A
	1391	1602	1
	1391	2407	1
	1391	2607	1
	1391	1607	1
	1391	1107	1
5D	PIPER	3807	N/A
	PIPER	3607	N/A
	PIPER	2907	N/A
	1391	2607	N/A
	1391	3007	1
	1391	2907	1
	1391	1602	N/A
	1391	2407	N/A
	1391	1807	N/A

DEH TASKS AND CORRESPONDING NON-STANDARD SYSTEMS (cont'd)

TASK ID	SYSTEM NAME	ID	RATING SCORE
5D	1391	1607	N/A
	1391	1307	1
	1391	3807	2
	1391	3607	1
5E	CADD	3607A	N/A
	1391	2607	N/A
5F	CADD	3607A	N/A
	CADD	1807	N/A
	CADD	3807	N/A
	CADD	3807	N/A
	PIPER	3807	N/A
	PIPER	3607	N/A
	1391	1807	N/A
5G	PIPER	3807	N/A
5H	CADD	3607A	N/A
	1391	2407	N/A
5I	RP	1602	1
	SCH	1602	1
5J	RP	1602	N/A
	SCH	1602	N/A
5K	CADD	3607A	N/A
	RP	1602	N/A
	SCH	1602	N/A
5L	CADD	2307	N/A
	PB	2107	N/A
	VAIS	2307	N/A
5M	CADD	3807	N/A
	CADD	1107	N/A
	CADD	3607A	N/A
	CADD	2307	N/A
	CADD	2107A	N/A
	CADD	3807	N/A
	PIPER	2107	N/A
	PIPER	3807	1
	PIPER	1107	N/A
	PIPER	0060	1
	VAIS	2307	N/A

DEH TASKS AND CORRESPONDING NON-STANDARD SYSTEMS (cont'd)**SUPPLY AND STORAGE DIVISION**

TASK ID	SYSTEM NAME	ID	RATING SCORE
6A	PB	1608	1
6B	PB	1608	N/A
6C	PB	1602	1
	PB	1608	N/A
6E	PB	1602	N/A

BUILDINGS AND GROUNDS DIVISION

TASK ID	SYSTEM NAME	ID	RATING SCORE
7I	VAIS	2610	4
7J	CADD	2610	1
	PIPER	2610	1
	PIPER	2610	1

UTILITIES DIVISION

TASK ID	SYSTEM NAME	ID	RATING SCORE
8F	1391	0611	1
8K	CADD	1506	3
	PIPER	1506	3
8L	CMIT	1506	3
	WOT	1511	3

FIRE PROTECTION DIVISION

TASK ID	SYSTEM NAME	ID	RATING SCORE
9E	PB	3309	1
	RP	3309	1
	VAIS	3309	1
9J	RP	3309	N/A
9M	PIPER	3309	1

DEH TASKS AND CORRESPONDING NON-STANDARD SYSTEMS (cont'd)

TASK ID	SYSTEM NAME	ID	RATING SCORE
9N	PIPER	3309	N/A
90	PIPER	3309	N/A
	RP	3309	N/A
	SCH	0059	2
	WOT	0059	1

HOUSING DIVISION

TASK ID	SYSTEM NAME	ID	RATING SCORE
10AA	1391	2503	1
10AB	WOT	3003	1
10AC	HNON	0403	N/A
10C	HNON	0403	N/A
	HSCH	0403	1
10D	HSCH	0403	N/A
10E	HNON	1602	1
	HSCH	1602	1
	RP	3003	1
10H	HNON	1602	N/A
	HSCH	0403	N/A
	HSCH	1602	N/A
10I	HNON	1602	N/A
	HSCH	1602	N/A

APPENDIX D:

NONSTANDARD ADP SYSTEMS FROM FORM B

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Application

Name: PROPERTY BOOK MICROCOMPUTER AID FOR DEHS

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?
(See Attached Task Reference List)

Task I.D. Code: 6E

Brief Description

THE PROPERTY BOOK MENU DRIVEN SYSTEM ALLOWS DEH STAFF TO ENTER/UPDATE THE PB DOCUMENT REGISTER TRANSACTIONS AND TO PRODUCE SEVERAL MANAGEMENT REPORTS CONCERNING TRANSACTIONS, EQUIPMENT SERIAL NO. INFORMATION, INGOING/OUTGOING HAND RECEIPTS, AND OTHER DAY-TO-DAY PB REPORTS. THIS DBASE III APPLICATION PROVIDES AUTOMATIC DATABASE INDEXING SO NON-PROGRAMMER USERS CAN CREATE AD-HOC REPORTS.

Application

Name: REAL PROPERTY MICRO AID FOR US ARMY DEHS

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 5I, 5J

Brief Description

REAL PROPERTY IS A SIMPLE MENU DRIVEN SYSTEM WHICH PERMITS ENTERING, UPDATING, AND REPORT GENERATION OF DEH RP OUTGRANTS AND AGREEMENTS (ISSA, MOA, AND MOU).

Application

Name: 1391 PROCESSOR

Developer: CERL - FS

Proponent: DAEN-ZCP-M

Point of Contact: ALAN MOORE, CERL-FS, EXT. 257

Status of System: IN FULL USE

Hardware & Software

Computer Size: MAIN MICRO

Type of Mainframe: IBM

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: > 512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: YES

Programming Languages Used: FORTRAN COBOL

Type of Commercial Program Used: WORD & COMMUNICATION

Specific Commercial Program Used: WORDPERFECT &
TYMSHARE/TYMCOMM

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.O. Code: 5C 5D

Brief Description

AUTOMATED DATA SYSTEM TO COMMUNICATE JUSTIFICATION INFORMATION CONCERNING FUTURE CONSTRUCTION NEEDS FOR CONGRESSIONAL APPROVAL. AUTOMATICALLY TRACKS WHERE 1391 FORM IS IN THE REVIEW CHAIN AND PROVIDES STATUS OF PROJECT. ALSO THE SYSTEM HAS MANY BUILT IN TOOLS TO AID PREPARERS IN FILLING OUT THE FORM. THE SYSTEM WAS DEVELOPED TO SUPPORT ARMY ENGINEERS RESPONSIBLE FOR THE MCA PROGRAMMING.

Application

Name: HSCH - HOUSING RESERVATION/BILLETING

Developer: FT. LEONARD WOOD

Proponent: FT. LEONARD WOOD

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 11A 11H 11K

Brief Description

THE HOUSING SCHEDULING APPLICATION PERMITS DEH STAFF TO MAINTAIN DAILY HSCH ROOM SCHEDULING, MAKE NECESSARY DAY-TO-DAY INQUIRIES ABOUT RESERVATIONS AND VACANCIES, CHANGE RESERVATION INFORMATION, AND PRINT REPORTS WHICH WERE ONLY AVAILABLE ON THE CRT IN EARLIER VERSIONS OF THE PROGRAM.

Application

Name: HNON - HOUSING NON-AVAILABILITY

Developer: FT. LEONARD WOOD

Proponent: FT. LEONARD WOOD

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 11A 11C

Brief Description

THE HOUSING NON-AVAILABILITY MICRO-COMPUTER SOFTWARE PACKAGE PERMITS DEH BILLETING STAFF TO MAINTAIN INFORMATION CONCERNING THE NON-AVAILABILITY HOUSING REQUESTS AND TO GENERATE REPORTS WHICH ARE ESSENTIAL TO DAILY BILLETING OPERATIONS.

Application

Name: BUILDING SCHEDULING MICRO AID FOR DEHS

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 5I

Brief Description

THE SCHEDULING PACKAGE PERMITS DEH BUILDING/AREA SCHEDULING STAFF TO AUTOMATE DAILY BUILDING SCHEDULING, TO MAKE FREQUENT VACANCY/RESERVATION INQUIRIES, AND TO PRODUCE SCH REPORTS FOR DAILY BUILDING MANAGEMENT. THIS DBASE III APPLICATION PROVIDES AUTOMATIC DATA FILE INDEXING SO NON-PROGRAMMER USERS MAY CREATE ADDITIONAL REPORTS VIA DBASE III.

Application

Name: OBLIGATION PLAN MICRO AID FOR US ARMY DEHS

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 4B

Brief Description

THE OBLIGATION PLAN MICROCOMPUTER SOFTWARE PACKAGE PERMITS DEH FUND OBLIGATION PLANNERS TO BUILD AND UPDATE A DATABASE FOR LOCAL OMA/OMAR INFORMATION, TO MAKE INQUIRIES ABOUT PROJECTS AND PROJECT PRIORITIES, AND TO GENERATE REPORTS CONCERNING J, K, L, AND M ACCOUNTS, ESTIMATED OBLIGATION AMOUNTS, PROJECT PRIORITIES, AND OTHER OP INFORMATION.

Application

Name: COMMITMENT REGISTER MICRO AID FOR US ARMY DEHS

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: UNDER DEVELOPMENT

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 4B

Brief Description

THE CMIT SOFTWARE PACKAGE PERMITS DEH ADMINISTRATORS TO MAINTAIN A DATABASE FOR LOCAL PROJECT FUND COMMITMENTS, TO MAKE INQUIRIES UPON COMMITTED PROJECTS, AND TO PRODUCE REPORTS CONCERNING J, K, L AND M COMMITMENTS, REIMBURSABLES, OBLIGATIONS, UNOBLIGATIONS OVER 90 DAYS, BMAR, AND OTHER CMIT RELATED REPORTS.

Application

Name: WOT-DC - WORK ORDER TRACKING FOR DESIGN CONTRACTS

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: JIM LEWIS, CERL-FS, EXT. 726

Status of System: IN FULL USE

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: > 512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: DBASE II OR III

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 4B, 5G

Brief Description

THE WORK ORDER TRACKING SYSTEM KEEPS TRACK OF INFORMATION PERTAINING TO DESIGN CONTRACT WORKORDERS FOR EPSD AND BUDGET PERSONNEL. AN AD-HOC REPORT MAKER IS INCLUDED TO PERMIT DEH ADMINISTRATORS TO CREATE SMALL "OFF THE TOP OF THE HEAD" REPORTS WITHOUT THE AID OF A PROGRAMMER. WOT-DC WAS DISTRIBUTED IN DECEMBER OF 1985.

Application

Name: VOICE ACTIVATED INSPECTION SYSTEM

Developer: CERL - EM

Proponent: DAEE-ECC-Q DAEN-ZCF-B

Point of Contact: DEBBIE LAWRENCE, CERL-EM, EXT. 755

Status of System: BEING TESTED

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: APPLE IBM-PC

Disk Operating System Required: 3.2 DOS PC-MS DOS

Random Access Memory Required: < 128 & > 512

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: BASIC PASCAL C

Type of Commercial Program Used: DATA BASE MANAGER

Specific Commercial Program Used: R:BASE 5000

Which Facility Engineer Tasks does System Support?
(See Attached Task Reference List)

Task I.D. Code: 4I 4H 4K 5G 6A 6F

Brief Description

THE VOICE ACTIVATED INSPECTION SYSTEM ALLOWS VOICE LOGGING OF INSPECTION OR DATA COLLECTION WHICH THE SYSTEM CAN DIRECTLY TRANSLATE INTO PRINTED REPORTS. THIS ELIMINATES THE NEED FOR FILLING DATA COLLECTION FORMS AND MANUAL COMPILING OF DATA INTO USABLE REPORTS. THE FE COULD USE THIS SYSTEM TO PERFORM A WIDE RANGE OF TASKS INCLUDING, IFS CONDITION CODING, CUSTODIAL CONTRACT COMPLIANCE, WAREHOUSE INVENTORY, CONSTRUCTION INSPECTION ETC.

Application

Name: PIPER - PIPE CORROSION MANAGEMENT SYSTEM

Developer: CERL - EM

Proponent: DAEN-ZCF-U

Point of Contact: A. KUMAR, CERL-EM, EXT. 235

Status of System: BEING TESTED

Hardware & Software

Computer Size: MAIN MICRO

Type of Mainframe: CDC

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: 257-512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: YES

Programming Languages Used: FORTRAN PASCAL

Type of Commercial Program Used: N/A

Specific Commercial Program Used: N/A

Which Facility Engineer Tasks does System Support?
(See Attached Task Reference List)

Task I.D. Code: 4A 4J 4L 9A

Brief Description

PIPER IS A DECISION SUPPORT SYSTEM DESIGNED FOR USE BY THE DEH TO MANAGE UNDERGROUND GAS PIPING NETWORKS ON AN INSTALLATION BASIS. PIPER PREDICTS AVERAGE PIPE LIFE BASED ON SOIL CONDITION AND PROVIDES A CORROSION STATUS SUMMARY AND INVENTORY FOR ALL UNDERGROUND GAS PIPES. PIPER WILL ALSO ADD IMPROVED PREDICTIVE MODELS, OPTIMIZATION TECHNIQUES, COST ESTIMATING CAPABILITIES AND ECONOMIC ANALYSIS. THE SYSTEM WILL PROVIDE THE FRAMEWORK FOR ALL PIPE CORROSION RESEARCH BEING PERFORMED BY USA-CERL.

Application

Name: DEH-CADD

Developer: CERL - FS

Proponent: DAEN-ZCF-M

Point of Contact: MICHAEL MCCULLEY, CERL-FS, EXT. 728

Status of System: UNDER DEVELOPMENT

Hardware & Software

Computer Size: MICRO

Type of Mainframe: N/A

Type of Mini Computer: N/A

Type of Micro Computer: IBM-PC

Disk Operating System Required: PC-MS DOS

Random Access Memory Required: > 512 KBYTES

Operating System: N/A

Does System Support Remote Terminals?: N/A

Programming Languages Used: N/A

Type of Commercial Program Used: WP SPREAD DB PM COM CAD

Specific Commercial Program Used: WPERF MULTIPLAN DBASE
PMS CROSSTALK AUTOCAD

Which Facility Engineer Tasks does System Support?

(See Attached Task Reference List)

Task I.D. Code: 8A 8G 8J 5A

Brief Description

THE DEH GRAPHICS SYSTEM WILL IMPLEMENT STATE OF THE ART COMPUTER AIDED DESIGN AND DRAFTING SYSTEMS TO SUPPORT THE DEH, EFFICIENCY CONDUCTING AND MANAGING INSTALLATION FACILITY MANAGEMENT ACTIVITIES. INFORMATION GUIDANCE, RECOMMENDATIONS, AND SYSTEMS DEVELOPED IN THIS STUDY WILL AID THE DEH IN EFFECTIVELY IMPLEMENTING AUTOMATED GRAPHICS TOOLS. THIS STUDY WILL ADDRESS THE FOLLOWING SUBJECTS: A) AUTOMATED MAPPING (AM); B) FACILITY MANAGEMENT (FM); C) DD FORM 1391 GRAPHICS; D) PDB PREPARATION; E) SPACE USE PLANNING; AND F) ARCHITECTURAL AND ENGINEERING DESIGN.

APPENDIX E:

WISH LISTS FROM FORM B

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Office of the Director

WORK MANAGEMENT SYSTEM - CAPABLE OF STORING ALL DATA ELEMENTS APPLICABLE TO
WORK MANAGEMENT IN-HOUSE OR CONTRACT MODE.

CONTRACT MANAGEMENT SYSTEM: CAPABLE OF MONITORING ALL DATA ELEMENTS FOR
CONSTRUCTION AND SERVICE CONTRACTS.

PAVER (ON GOING BY PESA).

ABILITY TO ETHERNET AND OR NETWORK WITH THE MAINFORCE AT DOIM AND THE RESEACH
DEVELOPMENT CENTER (RDC) AT MONTEREY, CALIFORNIA.

THE DIRECTOR HAS VERY LITTLE TIME. HE NEEDS RAPID INFORMATION, EASILY
READABLE, THAT CAN QUICKLY BE ASSIMULATED IN 10-15 SECONDS. ANYTHING LONGER
THAN THAT AND YOU HAVE LOST HIS TIME AND ATTENTION.

GRAPHICS PACKAGE -

BECAUSE OF LARGE FUNDING REQUEST FOR MASTER PLAN AUTOMATION. SUGGEST DESK TOP
SYSTEM 115. HEWLETT PACKARD SYSTEM.

WE WOULD LIKE TO HAVE: GAUGE OF CUSTOMER SATISFACTION (RESPECT) BY MILITARY
UNIT.

ENERGY CONSUMPTION SYSTEM BY MILITARY UNIT VS. GOAL.

SYSTEM THAT PROVIDES INDIVIDUAL PRODUCTIVITY INDEXES.

Troop Operations Division

CRITICAL PATH METHOD SCHEDULING AND PROJECT MANAGEMENT OR SIMILAR SYSTEMS.

CRITICAL PATH METHOD SCHEDULING AND PROJECT MANAGEMENT INFORMATION SOFTWARE,
SUCH AS PMS II, PRELUDE, MACPASTFECT, MILESTONES OR SIMILAR

ARMY REGULATION DATABASE SEARCH, SORT, FIND, UPDATE.

EXPAND THE ABOVE PROJECT TO PROVIDE TIME PHASED, TOTAL MOBILIZATION STATION,
BLOCKING, BRACING PALETTE AND CHAIN TIEDOWNS (BBPLT) REQUIREMENTS. WILL
REQUIRE INPUT OF CLASSIFIED DATA.

A SYSTEM THAT COULD DAILY UPDATE THE SCHEDULERS PROJECT SCHEDULE/STATUS BASED
UPON DATA ENTERED FROM THE LANDE SHEETS.

LOTUS-WOULD BE VERY HELPFUL IN SETTING UP SPREAD SHEETS. (WOULD LIKE
INSTRUCTIONS).

SMART-OFF POST NEEDS TO SET UP DATA BASE FOR RESERVE CENTER DATA. (INSTRUCTION
NEEDED).

FESS-USEFUL TO OFF POST OPERATIONS BECAUSE OF THE VOLUME OF SUPPLIES,
MATERIALS AND LABOR REQUESTED.

Administration Services Office

COMMUNICATIONS WITH OTHER STAMMIS SYSTEMS (DIRECT INPUT) SUCH AS STARCIPS AND SCIPMIS PLUS A SYSTEM DEVELOPED TO EASE THE PROCESS OF TRAVEL/TRANSPORTATION ORDERS, TRAINING, AWARDS, ETC. TO TALK TO OTHER ORGANIZATIONS ON POST.

MANPOWER/TDA TRACKING/STATUS REPORT (MONITOR PERSONNEL STATUS AND POSITION STATUS FOR DEH AUTHORIZED STRENGTH).

IBM PCS

MICRO ACCESS TO IFS DATA BASE.

MICRO APPLICATION TO PAVER.

IN THE EARLIER DAYS OF BATCH PROCESSING WE HAD "LIBRARY ROUTINES" THAT DESCRIBED THE INPUT REQUIREMENT, LOGIC/THEORY, AND INTERPRETED OUTPUT. WE NEED A SIMILAR LIBRARY OF DEH SUPPORT PACKAGES AVAILABLE TO THE DEH TO PICK AND CHOSE OR SORT MANagements NEEDS.

PERSONAL COMPUTER SYSTEM

APPLICATION PROGRAM, SYMPHONY BY LOTUS. AUTOMATION OF: TIME CARDS; SICK LEAVE/OVERTIME ANALYSIS; TRAVEL/TRAINING BUDGETING; CIVILIAN STRENGTH ANALYSIS; LABOR COSTS; AWARD DOLLARS ANALYSIS; TDY ORDERS.

APPLICATION PROGRAM: DBASE III PLUS BY ASHTON-TATE AUTOMATION OF: SUSPENSE
LISTING (E.G. APPRAISALS).

P.C. - RECORDS MANAGEMENT - BE ABLE TO KEEP RANDOM ACCESS RECORDS ON DISK FOR
TRAVEL, TRAINING AND PERSONNEL ACTIONS.

ARMY REGULATION DATABASE, SEARCH, SORT, FIND, UPDATE.

Environmental

A PROGRAM TO CALCULATE HEATING AND AIR CONDITIONING LOADS FOR BUILDINGS IS NECESSARY.

A STRUCTURED ANALYSIS PROGRAM TO CALCULATE DEFLECTIONS AND STRAIN WOULD GREATLY DECREASE THE TIME TO PERFORM STRUCTURED DESIGN.

ELECTRICAL DESIGN TIME WOULD BE REDUCED BY HAVING A PROGRAM TO CALCULATE BUILDING LOADS AND GRID LOADS.

SYSTEM TO MAINTAIN REAL PROPERTY THAT IS OF ENVIRONMENTAL CONCERN (EG. UNDERGROUND STORAGE TANKS, TRANSFORMERS, OIL/WATER SEPARATORS, AND OTHER SENSITIVE DISCHARGE POINTS TO SANITARY OR STORM SEWERS).

FRAMEWORK II--TO SUMMARIZE IN DETAIL HISTORICAL USE AND COST.

IBM PC SYSTEM WITH HARD DISK PLUS DBASE SOFTWARE FOR ENERGY RELATED MASTER BUILDING LIST.

ENERGY PC SOFTWARE FOR ENERGY MANAGEMENT APPLICATIONS, LOADCALC ALSO REQUIRED.

WORDSTAR SOFTWARE FOR DOCUMENT PREPARATION AND MAINTENANCE FOR ANNUAL UPDATES.

A PROGRAM FOR ENTOMOLOGY RECORD KEEPING AND REPORTING.

A PROGRAM FOR LISTING ALL ASBESTOS PRODUCTS, CONDITIONS, ETC FOR ALL
INSTALLATION BUILDINGS.

WORD PROCESSING IS NEEDED FOR BOTH DRAFTING AND FINAL TYPING OF DOCUMENTS.

DATABASE THAT CAN STORE DATA, PRINT IT OUT IN REPORTS OR SPREADSHEETS, AND
PROVIDE STATISTICAL COMPUTATIONS AND ANALYSIS. DATA BASE MUST BE USEFUL FOR
MANAGING UNDERGROUND STORAGE TANKS, USED OIL ANALYSIS AND RECORDS, ASBESTOS IN
BUILDINGS, HAZARDOUS WASTE QUARTERLY REPORT, PCB ANNUAL RECORDS, GROUNDWATER
ANALYSIS RECORDS, AND AIR QUALITY RECORDS.

A GEOGRAPHIC INFORMATION SYSTEM (GIS) WOULD BE HELPFUL FOR SITE SELECTIONS FOR
TROOP ASSISTANCE AND PERMANENT STRUCTURES ON FORT MCCOY. THE GIS WOULD BE
EXTREMELY VALUABLE IF SOIL TYPE AND GROUNDWATER LEVELS INFORMATION COULD BE
MAPPED.

DATABASE MANAGEMENT TOOL.

DATABASE MANAGEMENT TOOL FOR ENVIRONMENT ATTITUDE INSPECTION ESPECIALLY OF
REMOTE RESOURCES (USER) WHICH COULD BE PULLED OUT AS INDIVIDUAL REPORTS FOR
USERS TO REACT TO.

AUTOMATED SPILL REPORTING--MACOM/HQDA

QUIZ--AS ABOVE. COMPUTER-BASED EDUCATION PROGRAMS INCLUDING QUIZES ON SPILLS.

SPORTSMEN CHECKOUT SYSTEM TO MEET FORT SILL'S SITUATION. WOULD ALLOW SPORTSMEN CHECKOUT INTO RANGE AREAS AND TRACK HARVEST/RECREATION.

ASBESTOS MANAGEMENT SYSTEM. TO TRACK ASBESTOS PROBLEMS BY INDIVIDUAL BLDG.

BIOLOGICAL DATA MANAGEMENT FOR WHITE TAILED DEER AND WARM-WATER FISH. TO PERFORM STATISTICAL TESTS AND AUTOMATICALLY ENTER RESULTS IN REPORTS.

GEOGRAPHIC INFORMATION SYSTEM.

A PC FOR - UNDERGROUND STORAGE TANK DATABASE - ASBESTOS MANAGEMENT - HM/HW TRACKING - WORD PROCESSING - SPCC PLAN DEVELOPMENT AND UPDATE.

UNDERGROUND STORAGE TANK MANAGEMENT PROGRAM

HAZARDOUS MATERIALS/WASTES MANIFEST AUDIT SYSTEM

WILDLIFE MANAGEMENT MODEL FOR MILITARY INSTALLATIONS

CROSS CHECK OF ELIGIBLE HUNTERS AND SPORTSMEN AND INSTALLATION EMPLOYEES USE

Engineering Resources Management Division

AUTOMATED ANNUAL WORK PLAN; UNCONSTRAINED REQUIREMENTS REPORT; COMMAND
OPERATING BUDGET; AFCO2 INTERFACE.

AUTOMATED ANNUAL WORK PLAN; REVIEW: ANALYSIS INTERFACE.

WOT-DC

CADD

RP

MICRO COMPUTERS TO MAINTAIN FUND CONTROL AND OTHER PERTINENT FINANCIAL DATA.

A SYSTEM TO MAINTAIN FINANCIAL INFORMATION ON EACH SET OF FAMILY HOUSING
QUARTERS.

AN INTERNAL MODEM FOR IBM-PC-AT COMPATIBLE, ALLOWING FOR DIRECT COMMUNICATIONS
WITH HQ AND OTHER INSTALLATIONS AND IMMEDIATE EXCHANGE OF CORRESPONDENCE AND
PUBLIC DOMAIN PROGRAMS.

A COMPLETE LABELING AND GRAPHICS PACKAGE LINKING AT COMPATIBLES AND HP
PLOTTERS RESULTING IN A WIDE RANGE OF GRAPHICS ABILITIES FOR PREPARATION OF
BRIEFING VISUAL AIDS AND MANAGEMENT TOOLS.

SAME AS ABOVE ONLY ADDING 35MM COLOR SLIDE CAPABILITY.

IBM PC STATISTICAL ANALYSIS SOFTWARE FOR TREND ANALYSIS AND INDUSTRIAL ENGINEERING STUDIES.

IBM PC PLANT LAYOUT SOFTWARE FOR WORK SITE SIMULATION, CHANGE ANALYSIS AND INDUSTRIAL ENGINEERING STUDIES.

WOULD LIKE HEAT AND AIR CONDITIONING LOAD AND SIZING PROGRAM - THE COMMERCIAL WORLD CAN INPUT FLOOR SQUARE FOOTAGE MATERIALS, WHAT WALLS ARE MADE OF AND OTHER DATA AND A PROGRAM WHICH WILL PRINT TELLING SIZE ETC. OF UNIT REQUIRED.

WOULD LIKE MINI CADD PROGRAM WHERE ESTIMATORS COULD MAKE COMPUTERIZED SKETCHES.

WOULD LIKE A PORTION (PROGRAM WITHIN THE LARGER SYSTEM) OF THE LARGER SYSTEM WHICH HAS FEJE, IFDEP, FESS, ETC. PROGRAMMED SO EACH ESTIMATOR COULD USE ON HIS OWN P.C. TO DEVELOP A PROGRAM FOR HIS USE.

FEJE NEEDS UPDATING WITH ADDITIONAL STANDARDS ADDED.

FEJE NEEDS UPDATING TO ALLOW ESTIMATORS THE CAPABILITY OF USING APPROXIMATELY 700 CHARACTERS ON NON-STOCK ITEMS RATHER THAN THE CURRENT 20 AVAILABLE. INSTEAD OF WRITING DESCRIPTIONS IN MANUALLY, ESTIMATOR SHOULD BE ABLE TO TYPE.

PERSONAL COMPUTER SPREADSHEET FOR CONTROL OF COMMITMENTS AND OBLIGATIONS.

AN ASSETS DATA BASE WITH DAILY UPDATING CAPABILITY TO FEED IFS ON A MONTHLY BASIS. SHOULD BE INTERACTIVE ON A 4-PHASE.

A LOCAL SYSTEM TO PROVIDE PERFORMANCE INFORMATION ON INDIVIDUAL EMPLOYEES FROM L AND E CARDS. NEED HISTORY FOR A MINIMUM OF ONE YEAR.

REVIEW AND ANALYSIS PACKAGE THAT CAN BE USER MODIFIED TO PARTICULAR NEEDS.

MANAGEMENT INDICATOR PACKAGE GEARED FOR DEH I.E. ERM, EP&S, DO&M, ETC. OR THE COORDINATING AGENCY WITH THE ABILITY TO BE MODIFIED.

OBLIGATION PLAN MICRO-COMPUTER AID

COMMITMENT REGISTER MICRO-COMPUTER AID.

PB/RP

1391

OP/CMIT

WOT-DC/CADD

VAIS/PIPER

MICRO-COMPUTER PROGRAM TO TRACK FT. LEAVENWORTH'S NEW WORK PROGRAM FROM TIME OF ORIGIN TO APPROVAL.

DBASE III PROGRAM GENERATOR AND COMPILER, EXAMPLE--CLIPPER.

SYSTEM UTILITY PACKAGES, EXAMPLE--NORTON UTILITIES.

CAD SYSTEM FOR FACILITY LAYOUT, MANAGEMENT GRAPHICS.

APPLICATION; NO MAJOR SYSTEM OR SUB-SYSTEM (FEEDER TO A MAJOR SYSTEM) SHOULD ALLOW DATA ENTRY THAT WILL PRODUCE AN ERROR, IN OTHER WORDS, EVERY DATA ENTRY SITE, STATION, OR KEYBOARD SHOULD HAVE A "MASK" OR LOCAL "DATA ENTRY EVALUATION PROGRAM" TO PREVENT MAJOR OR END SYSTEM ERRORS. WILL PREVENT COUNTLESS HOURS OF RESEARCH AND REDUNDANT INPUT. ANOTHER WAY OF SAYING THIS WOULD BE-TO TRANSPOSE ALL OF THE WORDING IN THE OLD IFS USERS MANUALS INTO A "DATA ENTRY EVALUATION PROGRAM."

WE HAVE REQUISITIONED PC'S FOR COMMITMENT ACCOUNTING LOCALLY TO USE LOTUS 1, 2, 3 AND DBASE III.

PERSONAL COMPUTERS (PC'S)

WE HAVE OP AND CMIT PROGRAMS FROM CERL AVAILABLE BUT DO NOT HAVE ADEQUATE DISK AVAILABLE IN THIS OFFICE FOR UTILIZATION AT THIS TIME. GIVEN ACCESSIBLE STORAGE CAPABILITY THESE TWO APPLICATIONS WOULD GREATLY ENHANCE COMMITMENT AND OBLIGATION RECORD MAINTENANCE.

AUTOMATED LABOR PROGRAM.

ARMY FAMILY HOUSING DWELLING UNIT COST INFORMATION.

PERSONAL COMPUTER SYSTEM.

APPLICATIONS PROGRAM: SYMPHONY BY LOTUS (OR OTHER SPREADSHEET) AUTOMATION OF: UTILITIES ANALYSIS; TECH DATA REPORT; INCOMING OF DOLLARS). UNCONSTRAINED REQUIREMENTS REPORT; OVERTIME ANALYSIS (DESCRIPTION AND PROGRAMMING OF DOLLARS).

APPLICATIONS PROGRAM: DBASE III BY ASHTON-TATE.

APPLICATIONS PROGRAM: GRAPHICS PACKAGE FOR PLOTTING PROGRAMMED AND ACTUAL DOLLARS MORE READILY.

FAMILY HOUSING DWELLING UNIT COST ACCOUNTABILITY. PROGRAM COSTS TO INCLUDE: A. STRUCTURE, B. UTILITY PLANTS, C. ASSOCIATED OTHER REAL PROPERTY, D. PROGRAM BY ARMY MANAGEMENT STRUCTURE BREAK DOWN.

PRODUCTIVITY ANALYSIS OF PLANNER/ESTIMATORS WHO COLLECT DATA OR WORK PERFORMED BY PE'S AND COMPUTE PRODUCTIVITY, PERFORMANCE AND ACCURACY INDEXES.

ADMINISTER ANALYSIS PROGRAM FOR PLANNER ESTIMATORS COLLECT DATA ON PERSONNEL ADMINISTRATIVE DATA AND PREPARE CHARTS.

WORK STATUS PROGRAM FOR PLANNER/ESTIMATED. COLLECT DATA ON STATUS OF WORK BEING PERFORMED BY PLANNERS/ESTIMATORS AND PREPARE STATUS REPORTS.

WORK SCHEDULING PROGRAM FOR PLANNER/ESTIMATORS SCHEDULE WORK FOR PLANNER ESTIMATORS AND COLLECT DATA FOR PRODUCTIVITY ANALYSIS PROGRAM.

RELATIONAL DATA BASE PROGRAM FOR ALL THE INFORMATION ABOUT WORK PERFORMED BY THE DEH THAT COULD BE USED TO ELIMINATE DUPLICATION OF EFFORT, INCREMENTATION OF WORK, ETC. IN OTHER WORDS PROVIDE RELIABLE MANAGEMENT INFORMATION IN A USEFUL FORMAT. THIS WOULD PROVIDE RELIABLE MANAGEMENT INFORMATION IN A USEFUL FORMAT.

I WOULD LIKE TO HAVE THE FEJE SYSTEM PROGRAM ON MY ITT XTRA (WE DO NOT HAVE AN IFS).

WE NEED AN AUTOMATED WORK ORDER AND SCHEDULING PROGRAM FOR OUR ITT XTRA PC WHICH WILL CROSS REFERENCE OUR PERFORMANCE WORK STATEMENT SO AS TO CAPTURE A FACTUAL WORKLOAD BASE. (PRESENTLY AT ISC FOR ACCOMPLISHMENT).

MICRO COMPUTERS TO MAINTAIN FUND CONTROL AND OTHER PERTINENT FINANCIAL DATA.

A SYSTEM TO MAINTAIN FINANCIAL INFORMATION ON EACH SET OF FAMILY HOUSING QUARTERS.

AUTOMATED ANNUAL WORK PLAN.

DOWNLOADING CAPABILITY OF IFS/VIABLE DATA TO A PC FOR USE WITH LOTUS 1-2-3 ETC.

DOWNLOADING CAPABILITY OF IFS/VIABLE DATA TO A PC FOR DBASE III ETC.

A S (APPLIED SYSTEMS, IBM).

FRAME WORK (ASHTON-TATE).

INTEL - ALLOWS ACCESS TO NEEDED INFORMATION PREPARED BY OTHER OFFICES WHICH CAN BE USEFUL IN COMPLETING ASSIGNED TASKS.

PC - ALLOWS EFFICIENT PROCESSING AND UPDATING OF A GREATER VOLUME OF INFORMATION RATHER THAN INDIVIDUALLY COMPILED REPORTS.

FE CHECKBOOK - ALLOWS TRANSACTIONS TO BE ENTERED INTO ANY OF THE POSSIBLE SEVENTY-EIGHT DIFFERENT LEDGERS. ONCE TRANSACTIONS HAVE BEEN ENTERED INTO THE SYSTEM VARIOUS AMOUNTS OF REPORTS MAY BE EXECUTED TO REFLECT THIS DATA. IT IS A MENU DRIVEN SYSTEM. ALL PORTIONS OF THE SYSTEM MAY BE REACHED BY MAKING A SELECTION FROM A MENU. IT WAS DESIGNED TO BE USED ON EITHER AN IBM-PC OR AN INTEL 310. THE SYSTEM OPERATES IDENTICALLY ON BOTH MACHINES, WITH A COUPLE OF SMALL EXCEPTIONS.

INTEGRATED TECHNICAL DATA SYSTEM. WE DO HAVE REAL PROPERTY AND AMS DATA IN SYSTEM THAT NEEDS TO BE INTEGRATED.

I WOULD LIKE TO SEE A BOOK, OR WHATEVER, THAT PROVIDES A SUMMARY OF MAINTENANCE REQUIREMENTS AND SUMMARY DESCRIPTION FOR EACH OF THE STANDARD AND NON-STANDARD SYSTEMS ABOVE. WITHIN AMC, NO INFORMATION IS SENT TO INSTALLATIONS.

RMA WOULD USE ANY OF THE STANDARD SYSTEMS THAT COULD BE MADE AVAILABLE FOR USE
EITHER ON A HARRIS SYSTEM OR PC.

FE CHECKBOOK - TRACK PROJECTS.

SYSTEMS DEVELOPED BY FESA - GENERAL DEH NEEDS.

SCHEDULING SYSTEM, PREPARE LONG RANGE AND SHORT RANGE SHOP SCHEDULE.

SERVICE ORDER SYSTEM

WORK SCHEDULING

SYSTEM TO PROVIDE COST PER BUILDING

FOR IN-HOUSE WORK FORCE-TIME AND W.O. ACCOUNTING VIA COMPUTER.

FOR REAL PROPERTY CLERK-REAL PROPERTY RECORDS.

OUR DEH PRESENTLY BEING SET UP FOR COMPUTERS.

A PROGRAM (WHICH I HOPE TO WORK ON) TO SHOW UNCOMMITTED DOLLARS.

PROJECT MANAGEMENT SYSTEM.

Engineering Plans and Services Division

A STATIONING ANALYSIS MODEL WHICH WOULD PROVIDE AUTOMATED SELECTION OF FACILITIES WHEN BASED ON INPUT OF EXPECTED POPULATION OF PERSONNEL LOADING. PRIMARILY WOULD BE UTILIZED FOR "WHAT IF" DRILLS WHEN STATIONING OR RESTATIONING TROOP UNITS IN EXISTING FACILITIES. BASICALLY ORIENTED TO TROOP HOUSING, DINING, AND ADMINISTRATION FACILITIES.

AN ENERGY REQUIREMENTS ANALYSIS TO BE USED WITH 1391 PROCESSOR FOR 1391 PARAGRAPH SPECIAL REQUIREMENTS PARAGRAPH-3 ENERGY REQUIREMENTS APPRAISAL.

PROJECT MANAGEMENT/TRACKING WITH FLEXIBLE, EASY AND FAST SORTING AND QUERY CAPABILITY.

INSTITUTIONAL SERVICES CONTRACT PREPARATION AND ADMINISTRATION SUCH AS GRASS MOWING, CUSTODIAL SERVICES REFUSE ETC. INCLUDING INSPECTION.

MEANS COST ESTIMATING SYSTEM.

CADD DESIGN SYSTEM.

SOFTWARE PACKAGES TO SUPPORT ENGINEERING FUNCTIONS

A SYSTEM THAT WOULD ENABLE TRACKING OF A PROJECT FROM THE TIME INDIVIDUAL JOB ORDER (IJO) IS APPROVED FOR DESIGN AND CONTRACT UNTIL COMPLETION OF CONTRACT. THE SYSTEM SHOULD BE USER FRIENDLY AND TAILORED TO OUR NEEDS AND NOT HAVE ANY

DATA REQUIRED FOR ENTRY THAT IS NOT USED. THIS IFS SYSTEM IS NO HELP, ALL DATA HAS TO BE FORWARDED TO CENTRAL KEYPUNCH THUS NOT PROVIDING REAL TIME INTERACTION. THE SYSTEM SHOULD ALSO BE CAPABLE OF PERFORMING ENGINEERING DESIGN IN BASIC LANGUAGE.

HOUSING QUARTERS MAINTENANCE SCHEDULE.

THIS OFFICE HAS TRIED ON A NUMBER OF OCCASIONS TO GET THE VAIS. FT. CAMPBELL CONTINUES TO PROMISE THE SYSTEM TO IBM USERS; HOWEVER, PROMISES ARE ALL WE RECEIVED THE LAST 2 YEARS. THIS SYSTEM WILL DECREASE THE ADMINISTRATIVE TIME FOR THE INSPECTIONS. WITH REDUCED STAFFS, IT WOULD PROVIDE MORE TIME ON THE JOB SITE TO ASSURE THE GOVERNMENT GETS A NICKEL'S WORTH FOR A NICKEL.

DO NOT HAVE EQUIPMENT TO RUN PROGRAMS, HAVE BEEN TRYING FOR 1 1/2 YEARS TO ACQUIRE A PC WITH MODEM TO RUN 1392 PROCESSOR SYSTEM.

CADD SYSTEM

DESIGN PROGRAM MANAGEMENT SYSTEM TO TRACK DESIGN STATUS IN MORE DETAIL THAN WHAT IS AVAILABLE IN IFS.

TASK 5G-SUPERVISION INSPECTION, AND ADMINISTRATION OF CONTRACT PROJECTS.

TASKS 10A THROUGH 10G-ADMINISTERS CONTRACTS WITHIN DELEGATED AUTHORITIES, INCLUDING CONDUCT OF QA SURVEILLANCE/EVALUATION OF CONTRACT PERFORMANCE.

THE BOHANNAN AND HUSTON PROGRAM IS FAR AND AWAY THE BEST FOR THE TYPE OF ENGINEERING DONE AT INSTALLATIONS. FANCY "HI RISE" ARCHITECTURAL PACKAGES ARE NOT NEEDED WHERE THE PREPONDERANCE OF THE WORK IS MAINTENANCE AND REPAIR ORIENTED.

TIE IN BETWEEN IFS, TAB ON PAX AND UTILIZATION PROGRAM WHICH IS ON MICRO COMPUTER.

AUTOMATION OF PLANNING FUNCTIONS - DIGITIZED MAPS AND PLANS.

WORD PROCESSING SYSTEM TO PREPARE SPECIFICATIONS FOR CONSTRUCTION CONTRACTS.

ICROCOMPUTER FOR CONSTRUCTION DESIGN WORK.

VAIS

PIPER

WOT-DC

CADD - FACILITY UTILIZATION MANAGEMENT, DESIGN OF MAR PROJECTS.

LOTUS 1, 2, 3 FOR CALCULATING OANDM COSTS ON MCA PROJECTS.

MCA DATABASE - DBASE III WITH ALL CURRENT INFORMATION LINKED TO SIDEKICK ON A NETWORK FOR INSTANT ACCESS.

AUTOMATED MAPPING/FACILITIES MANAGEMENT FOR MASTER PLANNING. USE CADD TO GENERATE AND UPDATE INSTALLATION MAPS; THE BUILDING OF AN "INSTITUTIONAL MEMORY".

USE OF ABOVE SYSTEM COMBINED WITH ARCHITECTURAL GRAPHICS AND A DATA BASE MANAGER TO MAP OUT SPACES AND PEOPLE FOR SPACE UTILIZATION.

AUTOMATED SPACE REQUIREMENT SURVEY FOR PROGRAMMING NEW FACILITIES BASED ON PERSONNEL AND EQUIPMENT NEEDS.

PAINTER - PAINT RECORDS.

ROOFER - ROOFING RECORDS.

WE HAVE NO COMPUTER CAPABILITY AND USE NO SYSTEMS OR APPLICATIONS IN OUR WORK. THE EPANDS SECRETARY SOMETIMES TYPES HER LETTERS ON A WORD PROCESSING SYSTEM OUTSIDE HER OFFICE, WHICH TAKES HER AWAY FROM HER DESK.

ANY APPLICATION MIGHT BE HELPFUL. WE HAVE NOT HAD THE OPPORTUNITY TO EXAMINE THEIR QUALITIES WITH ACTUAL APPLICATIONS IN MIND.

1391

WOT-DC

CADD

PIPER

WE HAVE NO COMPUTER CAPABILITY AND USE NO SYSTEMS OR APPLICATIONS IN OUR WORK. THE EPANDS SECRETARY SOMETIMES TYPES HER LETTERS ON A WORD PROCESSING SYSTEM OUTSIDE HER OFFICE, WHICH TAKES HER AWAY FROM HER DESK.

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1391

LUDT-DC

CADD

PIPER

MICROCOMPUTER FOR CONSTRUCTION DESIGN WORK.

VAIS

PIPER

WDT-DC

PAINTER - PAINT RECORDS, ROOFER - ROOFING RECORDS.

WE NEED MORE PC'S, PRINTERS AND PLOTTERS. THERE IS A POSSIBILITY WE COULD ACCESS AND USE THE COE ADP LIBRARY IF WE HAD TEXTRONIX EMULATORS.

WE DEFINITELY NEED A CADD SYSTEM.

WE WOULD LIKE TO SEE MORE ENGINEERING DESIGN AND ANALYSIS SOFTWARE FOR MICROS READILY AVAILABLE THROUGH A CENTRAL ADP CENTER.

AN ADP CENTER IS NEEDED TO ASSIST USERS AND PROGRAMMERS.

EP&S, MASTER PLANNING, PLANS AND SUPPORT BRANCHES: CADD, AND COMPUTER ASSISTED 35MM SLIDE MAKER (COMPUTER IMAGE RECORDER).

REAL ESTATE BRANCH: REAL PROPERTY MICRO-COMPUTER AID WOULD BE VERY HELPFUL IF IT INCLUDED SPACE MANAGEMENT.

CONTRACT INSPECTION BRANCH: VOICE ACTIVATED INSPECTION SYSTEM.

MASTER PLANNING BRANCH: MICRO-COMPUTER ASSISTED DD FORM 1391, AND A BETTER MEANS OF TRACKING DESIGN STATUS OF MCA PROJECTS.

E AND S BR: OPTICAL CHARACTER READER FOR TRANSFERRING STANDARD SPECIFICATIONS FROM MAGNETIC CARDS TO FLOPPY DISKS, AND A MEANS OF TRACKING WORK ORDERS FOR DESIGN CONTRACTS (E.G. WOT-DC).

FEJE - FACILITIES ENGINEERING JOB ESTIMATING SYSTEM.

1391 - MICRO-COMPUTER ASSISTED DD FORM 1391 PREPARATION.

CADD - COMPUTER AIDED DESIGN AND DRAFTING.

1391 - MICRO-COMPUTER ASSISTED DD FORM 1391 PREPARATION.

NEED SYSTEMS TO ACCOMPLISH TASKS - INSTALLATION MASTER PLANNING; MOBILIZATION FACILITY PLANNING; FACILITY SPACE UTILIZATION MANAGEMENT AND REPORTING; REAL PROPERTY ACCOUNTING AND CONTROL; REAL ESTATE SERVICES:-LEASES, EASEMENTS, OUTGRANTS; FACILITY PLANNING FOR REALIGNMENT/RESTATIONING; ENGINEERING MAPS AND PLANS.

PROVISION OF CORPS OF ENGINEERS GUIDE SPECIFICATIONS ON FLOPPY DISKS FOR USE WITH WORD PROCESSING PACKAGE ON IBM PCXT WOULD SAVE A GREAT DEAL OF TYPING TIME AND IMPROVE DESIGN CAPABILITIES.

IBM "AT" COMPATIBLE SYSTEM FOR EACH ENGINEER (5) AND ONE FOR THE SECRETARY. ENGINEERS'S SYSTEMS NEED HIGH RESOLUTION COLOR GRAPHICS CAPABILITY, 640K RAM, 80287, FLOATING POINT PROCESSOR, ANSI "B" SIZE DIGITIZER, PLOTTER, PRINTER.

SOFTWARE: WORDSTAR, LOTUS 1-2-3, BASIC, PIPING STRESS ANALYSIS, STRUCTURAL ANALYSIS, ELECTRICAL SYSTEMS MODELING, JOB SCHEDULING, JOB COST ACCOUNTING, COMPUTER AIDED DRAFTING.

REAL PROPERTY SYSTEM, THIS SYSTEM WOULD BE VERY USEFUL IN AIDING OUR REAL PROPERTY CLERK IN MAINTAINING UPDATED RECORD OF ALL FACILITIES AT THIS INSTALLATION.

1391 SYSTEM, THIS SYSTEM WOULD BE A GREAT ASSET TO THIS INSTALLATION, PARTICULARLY, IN THE FACILITY ENGINEERING SECTOR. IT WOULD GREATLY REDUCE THE AMOUNT OF WORKFLOW AND IT WOULD ENABLE THE INSTALLATION TO MEET ALL THE SUSPENSE IN A TIMELY MANNER.

SCHEDULING SYSTEM, THIS SYSTEM CAN BE EFFECTIVELY UTILIZED IN MAINTAINING AN ACCURATE RECORD OF MONETARY VALUE OF A FACILITY THIS INSTALLATION IS RESPONSIBLE FOR AND MAINTAIN.

WOT-DC SYSTEM, DUE TO LIMITED MANPOWER THIS SYSTEM CAN REDUCE THE PAPERWORK IN PROCESSING THE NECESSARY FORMS.

CADD SYSTEM, THIS SYSTEM WOULD BE A VALUABLE PIECE OF EQUIPMENT IN AIDING OUR PLANNER/ESTIMATOR AND ALSO THE DESIGN DRAFTSMEN. PRESENTLY, THIS INSTALLATION HAS TO REPLY ON THE OUTSIDE SOURCE IN DESIGNING AND ALSO DRAFTING OF VARIOUS PROJECTS.

FOR ENGINEERING-AVAILABILITY OF DESIGN AND ANALYSIS PROGRAMS

CURRENTLY LOOKING INTO MERGING KNOWLEDGEMAN DATA BASE WITH CAD SYSTEM SO WHILE VIEWING BLUE PRINTS WE CAN BRING UP BLD SPECS/HISTORY, WORK SCHEDULED.

Supply and Storage

STORAGE AND RETRIEVAL SYSTEM FOR THE STORAGE WAREHOUSE THAT IS CAPABLE OF STORING, UPDATING RO/ROP AS ISSUES/RECEIPTS ARE PROCESSED, AND CAPABILITY OF AN EVER PRESENT INVENTORY WHICH WILL ACCURATELY REFLECT ON HAND QUANTITY AS OF THE INQUIRY.

PROGRAM THAT WOULD PROVIDE STOCK LINE ITEMS BY NSN AND MCN WITH TOTAL DOLLAR VALUE.

PROGRAM THAT WOULD PROVIDE A MONTHLY SUMMARY OF OBLIGATIONS AND SALES BY LINE ITEMS.

PROGRAM THAT WOULD PROVIDE PRINT OUT OF STANDBY ITEMS FROM CATALOG FILE.

REVISION TO SHOP STOCK 15 DAY DEMAND TO INCLUDE COLUMN FOR AUTHORIZED QUANTITY.

ALL SYSTEMS AS INDICATED ON THE FRONT OF FORM B.

ABILITY TO ACCOUNT FOR INVENTORY BY LOCATION TO SEPARATE INVENTORY BY WAREHOUSE WHEN SUBINSTALLATIONS ARE INVOLVED, AND HAVE REORDER FORM PRINT BY LOCATION FOR EACH INSTALLATION.

PROGRAM FOR CALLING UP ON THE SCREEN ALL RECEIPTS AND ISSUES TO A SPECIFIC MCN/NSN FOR A PERIOD OF 12 MONTHS TO OBTAIN COMPLETE HISTORY AND ABILITY TO PRINT THIS INFORMATION.

ABILITY TO POST DUE OUTS TO SERVICE ORDERS IN ORDER TO TRACK DOWN PROBLEMS IN CASE ISSUE HAS NOT BEEN MADE AND ITEM WAS PURCHASED FOR A SERVICE ORDER.

LISTING OF ALL DUE OUTS BY JOB ORDER NUMBER, PHASE CODE, AND MCN/NSN.

BIN LABELS NEED TO BE PRINTED ON 4"X 1-7/16" LABELS AND NEED TO GET DESCRIPTION FROM CATALOG IN ORDER TO HAVE AS COMPLETE A NOMENCLATURE ON THE LABEL AS POSSIBLE.

ABILITY WHEN USING FESS TO BACK UP WHEN IN INQUIRY CATALOG SUCH AS FEJE NOW HAS THE ABILITY TO DO.

ABILITY TO PRINT REORDER FORM FOR A SPECIFIC FRINGE MCN/NSN.

PB-PROPERTY BOOK MICRO AID.

INTEGRATED SUPPLY SYSTEM (WE DO NOT HAVE A FACILITIES SUPPLY DIVISION).

AUTOMATED SUPPLY SYSTEM

Buildings and Grounds

GOT 3 SYSTEMS ALONG WITH A PC (WYSE) BRAND NAME, THAT IS COMPATIBLE WITH IBM.

PIPER, RAILER, AND ROOFER SYSTEMS UNDER DEVELOPMENT BY CERL.

ELECTRONIC BULLETIN BOARD SERVICE - FORSCOM WIDE FE COMPUTER MANAGEMENT AND
ELECTRONIC MAIL SYSTEM ARE A LOCAL INSTALLATION.

ENGINEER EQUIPMENT MANAGEMENT - A SYSTEM TO INVENTORY, TRACK COSTS,
MAINTENANCE SCHEDULE FOR ENGINEER EQUIPMENT WITH INTERFACE TO AUTOMATED FUEL
SYSTEM, AND CONSTRUCTION CONTRACTS.

SYMPHONY (SELF EXPLANATORY)

DBASE (SELF EXPLANATORY)

SIMPLE CADD PROGRAM I.E. FOR DESIGN OF AUTOCAD.

DESIGN/DRAFTING PLOTTER PROGRAMS.

SIMPLE CADD PROGRAM I.E. PEO DESIGN OR AUTOCAD.

NGTTO INVENTORY, TRACK COSTS, MAINTENANCE SCHEDULE/OR ENGINEER
EQUIPMENT/INTERFACE TO AUTOMATED FUEL SYSTEM. CONSTRUCTION CONTRACTS.

SYSTEM FOR OBTAINING CURRENT INFORMATION ON INDIVIDUAL JOB ORDERS (IJOS) AND CONTRACTS.

SYSTEM FOR OBTAINING INFORMATION ON EXISTING CONTRACT WARRANTIES

PAVER -

MORE TECHNICAL DESIGN SOFTWARE I.E. CONCRETE, SEISMIC, STEEL, PAVEMENT AIRFIELDS, HYDROLOGY, ETC.

PAVER AND SIMILAR SYSTEMS WOULD BE A GREAT HELP IN MANAGING PAVEMENT MAINTENANCE AND REPAIR PROGRAMS.

Utilities

AVAILABLE SOFTWARE SUCH AS DBASE, INFORMATION AND LOTUS WOULD ALLOW US TO TAILOR ALL DATA RECORDS TO OUR SPECIFIC NEEDS.

AN EXTENSIVE DATA BASE SUCH AS SPACEMAN THAT MAINTAINS UTILIZATION INFORMATION. SPACEMAN NOT YET IN USE DUE TO LACK OF DBASE III.

PREVENTATIVE MAINTENANCE SCHEDULING.

RECORDING OF SUBSTATIONS PREVENTIVE MAINTENANCE.

THROW AWAY THE INTEGRATED FACILITIES SYSTEM (IRS) AND PRODUCE A PROGRAM WHICH IS FLEXIBLE ENOUGH TO SHOW SERVICE ORDERS (SO) AND INDIVIDUAL JOB ORDERS (IJOS) SCHEDULED COMPLETION DATES, MORE THAN 3 PRIORITIES, EXCEPTION REPORTS TO SHOW WHEN SO AND IJOS ARE OVERDUE, ETC.

AUTOMATE ANNUAL WORK PLAN.

AUTOMATE ANNUAL NEEDS AND TRAINING PROGRAM.

ELECTRONIC CALENDAR FOR APPOINTMENTS, SCHEDULING AND MEMOS (COULD THIS BE ADDED TO THE FOREWORD WORD PROCESSING SYSTEM MODULE OF FESS.

PERSONAL COMPUTER (PC) SYSTEM FOR MATHEMATICS AND ENGINEERING MECHANICS-TYPE PROGRAMS.

COMPUTER AIDED DESIGN AND DRAFTING WOULD CUT DOWN THE TIME SPENT ON PROJECTS.

THE CONCEPT OF THE VIABLE SYSTEM, IF IMPLEMENTED PROPERLY, COULD BE USEFUL.
THE EXISTING SYSTEM NEEDS REFINEMENT. TOO MUCH LITTLE-USED INFORMATION IS
BEING STORED. MAKES IT DIFFICULT TO RETRIEVE FREQUENTLY REQUIRED DATA.
ADDITIONALLY, OBSOLETE DATA IS LATE BEING CLEARED AND/OR UPDATED.

ACCESS TO DATA BANK FOR ALL ARMY REGULATION (AR), TECHNICAL MANUAL (TM), FIELD
MANUAL (FM) AND CORPS OF ENGINEERS (COE) STANDARDS.

INTERFACE BETWEEN DOD'S SUPPLY BUYING CAPABILITY AND OUR SYSTEM.

INTERFACE WITH CPO AUTOMATED SYSTEMS.

INTERFACE WITH DOL. (FORT EUSTIS AND TRADOC ARE DOING A PILOT PROJECT ON THIS
AND DEH IS INVOLVED.)

MAKE THE INTEGRATED FACILITIES SYSTEM (IFS) BECOME REAL TIME BEFORE I RETIRE.

WE HAVE A GEOGRAPHIC INFORMATION SYSTEM (GIS) SYSTEM ON ORDER.

WE COULD USE WORD PROCESSING AND A PC.

ACCOUNTING SOFTWARE TO TRACK BY CUSTOMER THEIR ANNUAL ENERGY USE, COST, AND
REIMBURSEMENT.

GRAPHIC PACKAGE TO INTERFACE WITH THE ENERGY MANAGEMENT AND CONTROL SYSTEM (EMCS) TO SHOW ENERGY USAGES.

A BROAD SPECTRUM MAINTENANCE PROGRAM FOR PUMPS, BOILERS, CHILLERS, HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) EQUIPMENT, FILTERS, MOTORS, BELTS, BEARINGS, TEMPERATURE CONTROLS, ETC.

BLAST

ELECTRICAL PANEL DESIGN

HVAC DESIGN - PRESENTLY OBTAINING IT.

HYDRAULIC PIPING SYSTEMS - " " "

MENU DRIVEN PROGRAM FOR MINI'S AND MAIN FRAMES FOR I/O OF DEFENSE ENERGY INFORMATION SYSTEM (DEIS I AND DEIS II) REPORTS, WITH "DOWN LOAD" TO PC DISKETTES FOR FILE PURPOSES. OUTPUT TO BE TRANSFERABLE TO COMMUNICATIONS NETWORK (OFF INSTALLATION).

Fire Protection Division

CADD OR AUTOCAD--TO BE ABLE TO SHOW FLOOR PLANS FOR EACH BUILDING ON POST AND DEVELOP PREFIRE PLANS AND TRAINING SESSIONS.

FIRESOFT-SOFTWARE PROGRAMS DESIGNED FOR FIRE SERVICE.

NEED A COMPUTER IN NEW STATION WHICH WE COULD PROGRAM TO READ OUT FOR RESPONSES SUCH THINGS AS 1. AVAILABLE WATER SUPPLY FOR BUILDING 2. LOCATION OF ANY HAZARDOUS MATERIALS 3. OCCUPANCY 4. RESPONSE ROUTES IF SPECIAL. 5. TYPE OF SYSTEM, ETC.

NEED A COMPUTER IN NEW STATION WHICH WE COULD PROGRAM TO READ OUT FOR RESPONSES SUCH THINGS AS 1. AVAILABLE WATER SUPPLY FOR BLDG 2. LOCATION OF ANY HAZ. MAT. 3. OCCUPANCY 4. RESPONSE ROUTES IF SPECIAL 5. TYPE OF SYSTEM, ECT.

ABILITY TO PROVIDE STATUS (AWAITING PARTS, INSPECTION, MANPOWER, ETC) FOR ALL SO'S. WOULD ALLOW REMOTE ENTRY BY MAINTENANCE PERSONNEL AS TO CURRENT STATUS OF SO'S.

SCHEDULE OF SO'S BY WORK CENTER WITH VARIOUS OPTIMIZATION SCHEMES (REPAIR TIME, REPAIR SKILLS, BY PRIORITY/RETURN TIMES, BY AGE, ETC).

STORAGE OF FIRE REPORT DATA FOR DOLLAR LOSS, CAUSE, KIND, INVESTIGATION, REPORTS; RECALL CAPABILITIES FOR YEARLY COMPARISON.

STORAGE OF TRAINING RECORDS, TRAINING REQUIREMENTS AND ACCOMPLISHED TRAINING,
PERSONNEL DATA, TRAINING THROUGH A COMPUTER AIDED LEARNING (CAL) PROGRAM
REDUCING WEAR AND TEAR ON VEHICLES AND EQUIPMENT.

STORAGE OF BUDGET REQUIREMENTS, UPDATES, TDY FUNDS, YEARLY PERCENTAGE
INCREASES, PERSONNEL STATUS, SALARIES, OVERTIME, ETC.

STORAGE OF BUILDING INFORMATION TO INCLUDE LOCATION, DOLLAR VALUE, KIND,
CONTENTS, HAZARDOUS MATERIALS, HYDRANT LOCATION, FIRE HAZARDS, INSPECTION
DATA, FOR FIRE PREVENTION AND EMERGENCY RESPONSE.

STORAGE OF EQUIPMENT DATA TO INCLUDE STATUS, AGE, REPLACEMENT DATA, LOCATION,
MAINTENANCE REQUIREMENTS, ETC. AUTOMATION OF FIRE DEPARTMENT RECORDS AND FILES
WOULD NOT ONLY REDUCE LOSSES IN MANHOURS SPENT IN FILING AND RESEARCH BUT
WOULD GREATLY INCREASE CAPABILITIES TO DEAL WITH EMERGENCY SITUATIONS MORE
QUICKLY AND EFFICIENTLY - THUS REDUCING FIRE LOSS TO FEDERAL PROPERTIES.

FIRE PROTECTION SYSTEMS - " " "

HEWLETT - PACKARD PACKAGE SOFTWARE FOR ADMINISTRATIVE DUTIES OF FIRE
DEPARTMENT.

Housing

UPGRADE TO AN IBM-AT WITH NETWORKING CAPABILITY TO BE UTILIZED WITH OUR SECOND SYSTEM (PC-XT) WHICH IS ON BOARD AND BEING UTILIZED MAINLY IN THE WORDPROCESSOR MODE.

A COMPUTER FILE (MICRO) OF ALL FLOOR PLANS.

A MICRO COMPUTER FILE OF THE ANNUAL WORK PLAN WITH CHANGES.

THE SAME FOR THE LONG RANGE WORK PLAN TO INCLUDE BACHELOR OFFICE QUARTERS (BOQS) AS A SEPARATE SECTION.

RECOMMEND COMPUTER LINK TO ERMD BY MODEM, FOR MSO'S TSO'S TO SPEED TRANSMISSIONS AND AUTOMATE FILES.

A MICRO COMPUTER PROGRAM FOR ALL QUARTERS TO SHOW UP-TO-DATE EXPENDITURES SO THAT THE 15K MAJOR MAINTENANCE AND REPAIR, \$2K IMPROVEMENT AND \$25K TOTAL EXPENSE PER UNIT PER FISCAL YEAR IS NOT EXCEEDED WITHOUT HEADQUARTERS APPROVAL.

NO AUTOMATION IN SUPPLY - HOMES WILL AUTOMATE PROPERTY BOOK AND SUPPLY PROCEDURES.

A PROGRAM THAT CAPTURES BUDGET PREPARATION, FORMATION, AND PROCESS.

A PROGRAM THAT CAPTURES SUPPLY - EXPENDABLE/NONEXPENDABLE AND NON-APPROPRIATED FUNDS (NAF) AND FT. LEE APPROPRIATES REAL PROPERTY OF THE "BROWCES."

A PROGRAM THAT CAPTURES PROCUREMENT REQUESTS

A PROGRAM THAT INTERFACES A PROGRAM MANAGEMENT SYSTEM WITH THE RESERVATION SYSTEM AND THE TELEPHONE SYSTEM.

PERSONNEL ACTION/TIME ATTENTION/PAYROLL.

CARLISLE BARRACKS IS A SMALL INSTALLATION WITH 139 STUDENT FAMILY HOUSING UNITS (ALL OF WHICH TURNOVER EVERY JULY), 182 PERMANENT FAMILY HOUSING UNITS, 38 BACHELOR QUARTERS, AND AN INDEPENDENT GUEST HOUSE. THE FULL TIME STAFF CONSISTS OF A BUDGET ASSISTANT AND 4 HOUSING MANAGEMENT PERSONNEL WITH OVERLAPPING FUNCTIONAL AREAS. OUR CURRENT COMPUTER SYSTEM IS AN ANTIQUATED KIMTRON 8-BIT CPM, DUAL 8" DRIVES AND DBASE II WITH INDIFFERENT PROGRAMMING.

IT IS BEING USED ONLY FOR A STUDENT BILLETING PLAN. WE HAVE ORDERED AN IBM COMPATIBLE WYSE PC WITH 10 MB HARD DRIVE AND SINGLE MINIFLOPPY DRIVE, 2 PRINTERS (LQ AND DOT MATRIX); AND DBASE III, WORD STAR PROFESSIONAL, AND LOTUS 1,2,3 SOFTWARE.

WE WILL UPGRADE TO A TOTAL HOMES COMPATIBLE SYSTEM OF 7 WYSE PC'S AND 4 PRINTERS, NETWORKED WITH AN INTEL 310 CENTRAL PROCESSOR. OUR REQUIREMENT IS AN INTERACTIVE DBASE III PROGRAM THAT ALLOWS EACH STATION TO ACCESS THE FULL RANGE OF MANAGEMENT FUNCTIONS (ASSIGNMENTS, TERMINATIONS, APPOINTMENT SCHEDULING, MAINTENANCE, RECORD KEEPING, STATUS REPORTS, OCCUPANT ROSTERS, AND

REQUIRED DA HOUSING REPORTS UNDER HOMES, ETC). ACTUAL DATA STORAGE REQUIREMENTS WILL PROBABLY BE RATHER SMALL COMPARED TO OTHER INSTALLATIONS. OUR BIGGEST PROBLEM IS THAT 3/4 OF OUR ANNUAL WORKLOAD OCCURS DURING THE ONE MONTH STUDENT TURNOVER PERIOD. THE SYSTEM NEEDS TO BE QUICK AND EASY TO ACCESS.

SYSTEMS ARE BEING DEVELOPED. REFERENCE THE FORMS FILLED OUT FOR FAMILY HISTORY.

HOMES AND ALL NON-STANDARD SYSTEMS ON FORM B DOWN TO VOICE ACTIVATED INSPECTION SYSTEM.

DBASE III.

WE ARE IN THE PROCESS OF OBTAINING AND INSTALLING AN IBM TOKEN-RING LAN, CONNECTING HRO, BUDGET, AANDT, ENGINEERING AND THE INSPECTORS WE ARE USING RBASE 5000 AS THE DATA BASE DEVELOPER. SOME OF THE APPLICATIONS MODULES ARE COMPLETE, BUT THE WHOLE SYSTEM WILL NOT BE COMPLETED UNTIL THE ENTIRE NETWORK IS INSTALLED.

PB - PROPERTY BOOK MICRO COMPUTER AID.

HSCH HOUSING RESERVATION.

NO AUTOMATION-ANTICIPATING HOMES TO CORRECT THIS PREDICAMENT.

HOMES WILL HELP AUTOMATE ALL HOUSING REQUIREMENTS - COMING ON LINE SOON - MANAGEMENT - HM/HW TRACKING - WORD PROCESSING - SPCC PLAN DEVELOPMENT AND UPDATE.

Hospitals

I'VE CALLED DR. HOWDYSELL (CERL) A NUMBER OF TIMES REQUESTING INFORMATION ON THE VOICE ACTIVATED INSPECTION SYSTEM. CURRENTLY, THIS OFFICE MANAGES 200 CONTRACTS WITH 15 INSPECTORS. THIS SYSTEM WOULD SAVE A NUMBER OF ADMINISTRATIVE MAN-HOURS EACH WEEK. THESE HOURS COULD BE UTILIZED AS ON-SIGHT INSPECTIONS.

MECHANIZED ENGINEER TROOP PROJECTS REPORT (NOW MANUAL AND SEMI ANNUAL)

SKILL QUALIFICATION TECHNICAL TRAINING STUDIES AND SCHEDULING (PER INDIVIDUAL).

BUILDING MAINTENANCE MICRO COMPUTER AID SYSTEM PROGRAMMED TO PRINT OUT A YEARLY CYCLIC MAINTENANCE PROGRAM, BREAKING OUT TASK/CHECK POINTS ON EACH PIECE OF EQUIPMENT SERVICED ROUTINELY SUCH AS DAILY, WEEKLY, MONTHLY, SEMI ANNUALLY OR ANNUALLY. THIS WOULD BE EXTREMELY BENEFICIAL.

THE ABOVE SYSTEM COULD ALSO BE USED FOR HISTORICAL RECORD KEEPING OF THE BUILDING MAINTENANCE, REPAIRS AND UPGRADES. HOSPITALS UNDER THE JOINT ACCREDITATION FOR HOSPITALS REGULATIONS ARE TO MAINTAIN A 3 YEAR RECORD FILE ON BUILDING MAINTENANCE, REPAIR AND UPGRADING.

ALSO THE ABOVE SYSTEM COULD STORE POSSIBLE SOURCES OF SUPPLY, PAST COST, REOCCURRING FEDERAL STOCK NUMBERS, GENERAL MATERIAL DESCRIPTION FOR REPAIR PARTS AND EQUIPMENT. THIS WOULD MAKE REORDERING MUCH EASIER.

BUILDING MAINTENANCE MICRO COMPUTER AID SYSTEM PROGRAMMED TO PRINT OUT A YEARLY CYCLIC MAINTENANCE PROGRAM, BREAKING OUT TASK/CHECK POINTS ON EACH PIECE OF EQUIPMENT SERVICED ROUTINELY SUCH AS DAILY, WEEKLY, MONTHLY, SEMI ANNUALLY OR ANNUALLY. THIS WOULD BE EXTREMELY BENEFICIAL.

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APPENDIX F:

HOME-GROWN SYSTEMS FROM FORM C

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Office of the Director

PROFS PROFESSIONAL OFFICE SYSTEM

ELECTRONIC MAIL, CALENDARING FOR INSTALLATION MANAGEMENT STAFF (ALL O-6'S AND COMMAND GROUP).

MOBILIZATION PLANNING SYSTEM

GIVEN A LIST OF MOBILIZING FORSCOM UNITS: GENERATES A MATCHING ASSIGNMENT IF AVAILABLE. GENERATES A CONSTRUCTION SHORTFALL LIST.

AUTOMATED (BILLETING) UTILIZATION SYSTEM

CONSOLIDATES INPUT DATA TIME FROM MILITARY UNITS RELATIVE TO BARRACKS OCCUPANCY.

SICK LEAVE UTILIZATION

USED BY DEH DIVISION AND OFFICE CHIEFS TO MONITOR USE OF SICK LEAVE.

OVERTIME

USED BY DEH, DIVISION AND OFFICE CHIEFS TO MONITOR USE OF AND CONTROL OF OVERTIME.

VEHICLE

USED BY DEH TO MONITOR VEHICLE UTILIZATION/VALIDITY OF LOCATION.

AUTOMATED SUPPLY REQUEST

LOCD - 10M COMPATIBLE

Troop Operations Division

DBASE II (PROJECT STATUS)

USED TO KEEP TRACK OF STATUS OF TROOP CONSTRUCTION PROJECTS - USED BY TROOP CONSTRUCTION OFFICER.

LOTUS 1-2-3 (PROJECT COST)

KEEP TRACK OF PROJECT COSTS USED BY THE PROJECT OFFICER.

BLOCKING, BRACING PALETTES CHAINS AND TIEDOWNS (BBPCT)

USED BY DEB MOB PLANNER TO DETERMINE THIS INSTALLATIONS TIME PHASED BBPCT REQUIREMENTS; FROM THIS STOCKAGE OR LOCAL PURCHASES DECISIONS CAN BE MADE. ON FORM B, ITEM 4.

LOTUS 1-2-3 & PCFVE III - (SCP)

Administration Services Office

DBASE III

PERSFILE IS A BASE FILE WHICH CAN BE MANIPULATED TO CREATE REPORTS ON PERSONNEL STATISTICS AND OTHER ASPECTS OF PERSONNEL MANAGEMENT.

PERSONNEL INFORMATION ACCOUNTING SYSTEM.

MAINTAINS A DATA BASE OF ALL PERSONNEL EMPLOYED BY DEH VARIOUS STANDARD REPORTS THAT USE THIS DATA ARE BEING AUTOMATED. THE DATA BASE IS ALSO USEFUL AS A MANAGEMENT TOOL.

"12" SERIES PUBLICATION ACCOUNTING SYSTEM

THIS TELLS US A FAIRLY COMPLETE STATUS OF PUBLICATIONS IN THE DIRECTORATE. IT GIVES ITEMS SUCH AS WHAT PUBLICATIONS ARE ON HAND, WHAT ARE NEEDED (AND WHERE), WHAT IS ON ORDER, ETC.

SUSPENSE CONTROL REGISTER - DBASE III

ADMIN SECRETARY ENTERS EACH SUSPENSE ACTION RECEIVED BY DEH & LOGS OUT TO APPROPRIATE OFFICE. ENTRY IS CLOSED OUT AS ANSWER IS DISPATCHED. A BI-WEEKLY REPORT OF OVERDUE ACTIONS IS SENT TO EACH OFFICE. THEY ANNOTATE LIST & RETURN IT TO THE SECRETARY WHO THEN UPDATES DATA.

INCOMING MESSAGE LOG

MAIL & FILE CLERK (TYP) ENTERS INCOMING MESSAGES (TWX'S) AND INDICATES INFO.
CORRECTS ENTRIES AS CHANGES ARE MADE TO ACTION/INFO OFFICES. MAIN PURPOSE IS
FOR INFORMATION STORAGE AND RETRIEVAL.

Environmental

HAZARDOUS WASTE MANAGEMENT PROGRAM

APPLICATION TRACKS ALL HAZARDOUS WASTE GENERATED ON-AND OFF-POST. PROVIDES UP-TO-DATE INVENTORY OF ALL HAZARDOUS WASTE CURRENTLY IN STORAGE, ALONG WITH MANIFESTING INFORMATION. APPLICATION IS USED BY BOTH ENVIRONMENTAL/DRMD PERSONNEL.

GRASS

COMPUTER PROGRAMS DESIGNED TO OVERLAY, ANALYZE AND DISPLAY MAPS FOR ENVIRONMENTAL AND LAND MANAGEMENT APPLICATION.

ARCHAEOLOGICAL SITES INFORMATION SYSTEM/PREDICTIVE

UTILIZING THE ENVIRONMENTAL DATA FROM THE GRASS SYSTEM AND SITE INFORMATION FROM ASIS. THE PREDICTIVE MODEL ATTEMPTS TO IDENTIFY LOCATIONS OF UNKNOWN ARCHAEOLOGICAL SITES. THE BENEFITS INCLUDE REDUCED ON THE GROUND SURVEY COSTS AND FOCUSING OF SURVEY EFFORTS.

CALCULATES UTILITY BILLS FOR REIMBURSABLE CUSTOMERS, RECORD CONSUMPTION BY CUSTOMER, PROVIDES DATA ON POST ENERGY CONSUMPTION USED BY ENERGY CONSU. OFF & UTILITY SALES CLERK.

IBM, PFS

SAPHIS (TRACKER)

USED BY ENVIRONMENTAL MANAGEMENT OFFICES TO HELP DETERMINE LOCATION, TYPE, AMOUNTS, AND CONSUMERS OF.

DEISII

INPUT CONSISTS OF DATA FROM BUDGET, HOUSING AND SUPPLY OFFICES. PROGRAM COMPUTES MBTU'S AND OTHER REQUIRED ONE IN INFLATION REGARDING ENERGY CONSUMPTION TO DATE/AND VS. .

QUFE

PROVIDE BASIC TRAINING & TESTING FOR HAZARDOUS WORK MANAGERS/HANDLERS.

PCB/FIBRE

FOR PCB - MAINTAINS AN INVENTORY OF ALL ELECTRICAL TRANSFORMERS UNDER FORT DEVENS CONTROL WITH CRITICAL INFO ON LOCATION, CONTENTS ETC. FIBRE - MAINTAINS AN INVENTORY OF ALL TEST RESULTS CONDUCTED TO DATE.

WATER POLLUTION ABATEMENT INFORMATION SYSTEM

SYSTEM IS USED TO STORE WATER POLLUTION ABATEMENT INSPECTION RESULTS; COMPILE DATA IN GRAPHIC FORM; AND GENERATE CORRESPONDENCE TO TROOP UNITS INDICATING COMPLIANCE STATUS AND CORRECTIVE RECOMMENDATIONS. ALSO TO BE USED TO

INVENTORY AND DETERMINE USAGE OF POL PRODUCTS; FOR THE SPCC PLAN; AND
INVENTORY AND MONITOR THE STATUS OF REGULATED UNDERGROUND TANKS; AND MAINTAIN
INVENTORY OF SPILL RESPONSE MATERIALS AND EQUIPMENT.

AMBIENT AIR QUALITY AND ACOUSTICS INFORMATION SYSTEM

STORES INFORMATION ACQUIRED FROM TSP AND PM10 AIR QUALITY MONITORING EQUIPMENT
CLIMATOLOGICAL STATIONS AND ACOUSTIC MONITORS. DATA WILL BE CROSS-CORRELATED
TO SEPARATE AND QUANTIFY THE EFFECTS OF WEATHER AND MILITARY TRAINING RELATIVE
THE AMBIENT AIR AND NOISE ENVIRONMENTS OF FORT CARSON AND THE PINON CANYON
MANEUVER SITE. DEVELOP NOISE CONTOURS AND ACT AS WARNING SYSTEM FOR BLAST
NOISE.

HAZARDOUS WASTE ACCUMULATION SITE INSPECTION FORMS - (HWINSPEC)

RETAINS RECORD OF COMPLIANCE INSPECTIONS BY ENVIRONMENTAL OFFICE AT VARIOUS
HAZARDOUS WASTE ACCUMULATION SITES.

ENVIRONMENTAL DOCUMENTATION LOG

TRACKS THE DEVELOPMENT OF PROJECTS FOR ENVIRONMENTAL REVIEW AS REQUIRED BY
NEPA.

SOLVENT RECYCLING ROSTER & MANIFEST MANAGEMENT - SKMANFST

ALLOWS OPERATOR TO ENTER DATA EASILY AND MAINTAIN SOLVENT RECYCLING,
CONTRACTOR MANIFESTS, AND ROSTER OF USER ACTIVITIES.

PEST MANAGEMENT TRACKING SYSTEM

PCB TRANSFORMER TRACKING SYSTEM

DATABASE FOR PCB TRANSFORMERS.

DEIS AUTOMATION

AUTOMATES THE PREPARATION OF THE DEIS REPORT.

LIGHTING LOAD CALCULATIONS

USED FOR VALIDATING DESIGNS OF INTERIOR LIGHTING SYSTEMS.

HVAC LOAD CALCULATIONS

THIS IS A MINIATURE VERSION OF BLAST.

SAFHIS (TRACKER)

USED BY ENVIRONMENT MANAGEMENT OFFICES TO HELP DETERMINE LOCATION, TYPE, AMOUNTS, AND CONSUMERS OF HAZARDOUS MATERIALS.

DEISII

INPUT CONSISTS OF DATA FROM BUDGET, HOUSING & SUPPLY OFFICES. INPUT REQUIRED AND AN INFLATION RATE REGARDING ENERGY CONSUMPTION TO DATE/AND PREDICTED.

QUIZ

PROVIDES BASIC TRAINING & TESTING FOR HAZARDOUS WASTE MANAGERS/HANDLERS.

ENVIRONMENTAL MANAGEMENT - ENVIRONMENTAL PERSONNEL. O & M1, IJO SCHEDULING REPORT.

HUNTING & FISHING LICENSE/PERMIT SALES

USED BY FISH AND WILDLIFE BR. TO SELL POST AND STATE HUNTING, FISHING LICENSES & PERMITS. IT HELPS USERS DETERMINE ELIGIBILITY & TRACK FINANCES.

VOC DAILY REPORT AND AUDIT TRAIL

INFORMATION IS COLLECTED ON HARD COPY REPORTS BY VARIOUS PAINTING BOOTHS ON DEPOT. DATA FROM REPORTS IS TRANSFERRED TO MICROCOMPUTER FOR CALCULATION OF AMOUNT OF VOLATILE ORGANIC COMPOUNDS EMITTED INTO ATMOSPHERE BY VEHICLE MAINTENANCE PAINTING. PA AIR QUALITY REGS REQUIRE THAT LETTEPKENNY NOT EXCEED 400 LBS VOC/DAY OR USE NO VOC PAINT WITH VOC CONTENT OF 3.5 LBS/GAL. USED BY ENVIRONMENTAL BRANCH AND DEPOT PRODUCTION ENGINEERING DIRECTORATE TO PLAN DAILY USAGE WHILE STAYING IN COMPLIANCE WITH PADER AIR QUALITY REGULATIONS.

Engineering Resources Management Division

DAMS

MANAGES ALL DEP FOR DEH, TRACKS - WARRANTIES - SERIAL NOS/USERS.

WORMS - WORK ORDER RESOURCE MANAGEMENT SYSTEM

USED TO TRACK, ANALYZE AND RECEIVE PROJECTS FROM UNCONSTRAINED REQUIREMENTS TO COMPLETION OF WORK. TRANSFER DATA TO/FROM STANDARD SYSTEMS. PROJECT MANAGEMENT INFORMATION - SCHEDULE - COST - FUNDING CONTINGENCIES.

SOMS

TRACK SERVICE ORDERS (IN HOUSE OR CONTRACT). PROVIDES MANAGEMENT INFORMATION SHOP LOADS, BACKLOG, CONTRACT COSTS. TRANSFER DATA TO/FROM STANDARD SYSTEM.

"L" WORK PRIORITIZATION LIST

SYSTEM FACILITATES MANAGEMENT PROCESSES, (INVOLVING THE COMMANDER AND DIRETORATE REPRESENTATIVES), WHICH SCHEDULE NEW WORK (L WORK) BASED ON AN OVERALL VALUE SYSTEM AND AN ALLOWANCE FOR EXCEPTION. USED BY EVERYONE INVOLVED IN THIS PROCESS, COMMANDER, DIRECTORATE CHIEFS, PLANNING & ESTIMATING WORK SCHEDULING, BUDGET & SUPPLY.

WOT DC (WORK ORDER-TRACKING-DESIGN CONTRACT)

USED BY REQUIREMENTS BRANCH AND ENGINEERING DIVISON TO MAINTAIN ACCURATE STATUS, DATA AND TRACKING OF DESIGNED-FOR-CONTRACT WORK ORDERED, BMAR & DMAR LISTS, AND OMA NEW CONSTRUCTION PROJECTS.

DD FROM 1391 PROCESSOR SYSTEM

IJO TRACKING

IT MANAGES DOCUMENTS AND WORK CONTROL FOR THE WORK MANAGEMENT BRANCH. ALLOWS WORK REQUESTS TO BE CATAGORIZED BY SELECTED CRITERIA TO IDENTIFY POTENTIAL PROJECTS FOR SPECIAL HANDLING.

PROJECT MANAGER WORKBENCH

PREPARES RESOURCE BOUND SCHEDULE OF WORK FOR ANNUAL WORK PLAN PROGRAMS TRACK PERFORMANCE. PREPARES MANAGEMENT REPORTS.

WORDPERFECT

PROVIDES A SOPHISTICATED METHOD FOR PERPARING DOCUMENTS. USERS - FIRE PREVENTION

"K" LIST

USE TO PRIORITIZE AND TRACK MAINTENANCE & REPAIR WORK ORDERS.

FADS (FACILITIES ACTIVATION DEACTIVATION SYSTEM)

SYSTEM CONTAINS A DATA BASE OF FACILITIES, CONDITIONS, AND SYTEM CONDITIONS. THE SYSTEM INTERFACES HOUSING BILLETING, FURNISHING MANAGEMENT, AND THE ENGINEERS. IT IS USED TO SCHEDULE FACILITIES, PRODUCE MEMO'S FOR ACTIVATION/DEACTIVATION, PRODUCE MANHOURS REQUIRED TO MEET HOUSING REQUIREMENTS. IT IS UNIQUE TO FT. MCCOY'S SEASONAL MISSION IN A NORTHERN CLIMATE THAT DICTATES THE NEED TO ACTIVATE/DEACTIVATE BLDGS.

SUMMARY OF HOURS BACKLOGGED (6 MONTHS)

THE PROGRAM USES BACKLOG, DATA FROM THE SHOP BACKLOG & WORKFORCE DISTRIBUTION REPORT AT END OF EACH MONTH FOR 6 MONTHS. EACH MONTH THE CURRENT MONTH IS PICKED UP, THE OLDEST DROPPED. DATA INCLUDES SHOP BACKLOG AT SCHEDULER, 1/2 BACKLOG AT MATERIAL COORDINATOR. DATA IS IN SHOP NUMBER SEQUENCE. ISSUED MONTHLY REPORT FOR SHOP FOREMAN TO REVIEW HOW THEY ARE DOING IN RELATION WITH ALL OTHER SHOPS. BRANCH CHIEFS CAN SEE OPPORTUNITY TO LOAD OR BORROW HOURS OR HIRE TEMPORARY EMPLOYEES TO CURB BACKLOG.

VISION TELECOMMUNICATIONS

DESIGNED FOR USE WITH IV PHASE SYSTEM TO ALLOW TRANSFER OF SUPPLY AND IFDEP DATA BETWEEN FORTS RICHARDSON, WAINWRIGHT, & GREELY USING A VISION SYSTEM ON REMOTE TERMINALS. WILL ALSO PERMIT FORMATING DATA FOR PRINTING OR FILING.

IBM - PERSONAL COMPUTER

USED BY THE MANAGEMENT ENGINEERING SYSTEMS BRANCH TO ACCOUNT FOR PROJECT ACCOMPLISHMENT AND TIME ACCOUNTABILITY, BY EACH DEH PERSONNEL.

LOTUS 1-2-3

USED TO PREPARE STATUS REPORTS ON WORK ORDERS. USED TO PREPARE GRAPHICS FOR MANAGEMENT. USED TO DO ANALYSIS OF WORK EFFORT.

IBM APLDI/ADRS II

OBLIGATION PLAN

OBLIGATION PLANS DEVELOPED IN DETAIL TO TRACK ACTUAL VS PROGRAMMED FUNDING DOLLARS DOWN TO THE DETAILED LEVEL FOR FINANCIAL MANAGEMENT PURPOSES.

COMMITMENT REGISTER

MAINTAIN FUND CONTROL AND COMMITMENT ACCOUNTING IN ACCORDANCE WITH AR 37-21 AND LOCAL REQUIREMENTS. TRACK DOCUMENTS AS THEY PROCESS THRU SYSTEM.

PROGRAM DIRECTOR AUTOMATED COMMITMENT LEDGER SYSTEM

THIS SYSTEM, PDACLS, IS DESIGNED TO AUTOMATE BUDGET ANALYSTS' WORK WHICH REQUIRES THE MOST CLERICAL TIME TO PERFORM IN THE ABSENCE OF AN AUTOMATED SYSTEM. THOSE AREAS ARE: MAINTAINING COMMITMENT LEDGERS, DEVELOPING AND

PREPARING BUDGETS, DEVELOPING LABOR REQUIREMENTS, AND EXTRACTING AND PORTRAYING DATA FOR MANAGEMENT DECISIONS. USERS PERFORM UPDATES AND RETRIEVALS FROM TERMINALS LOCATED IN THEIR OFFICES WHICH ARE LINKED TO THE BASOPS TERMINALS.

ON P.C. SYSTEM: MULTI-PLAN

USED BY BUDGET BRANCH: USED TO ANALYZE & GRAPH PROGRAMMED ACTUAL, & DEVIATION (%) FOR ALL APPROPRIATIONS, ACCOUNTS, AND PROGRAMS (E.G. TRAVEL, OVERTIME).

P/M PROG - M ZH SYS

THIS PROGRAM IS A TAKE OFF OF THE INTEGRATED FACILITIES SYSTEM - FACILITIES ENGINEERING EQUIPMENT MAINTENANCE - LESS ALL THE SPECIAL FORMS, ETC. WE MAKE IT SIMPLER TO SUPPORT. THE TASK LIST/LOCATION MAINTENANCE REPAIR/PROCEDURES ARE A PART OF "PINS" PROGRAM IN OUR PERFORMANCE WORK STATEMENT FOR AN IN HOUSE MODE - FOR CRITICAL MECHANICAL SYSTEMS.

MEANS ESTIMATING SYSTEM

THIS PROGRAM IS DESIGNED TO EXPEDITE UNIT PRICE ESTIMATING USED BY PLANNER/ESTIMATORS FOR MATERIAL, LABOR AND EQUIPMENT COSTS.

INDEPENDENT GOVERNMENT ESTIMATE WORKSHEETS

A SERIES OF SPREADSHEETS THAT START WITH DATA COLLECTION AND MOVE TO A FINAL PRODUCT AS PART OF DOING THE INDEPENDENT GOVERNMENT ESTIMATE (IGE). THESE ARE

TAILORED TO FT. BENNING BUT THE WORKSHEETS ARE FAIRLY GENERAL AND MIGHT BE USEFUL TO SOMEONE ELSE.

NEW WORK PROGRAM - OBLIGATIONS & COMMITMENTS

KEEPS ACCOUNTS OF ALL NEW WORK PROJECTS, BROKEN OUT BY IN-HOUSE & CONTRACT FOR CURRENT YEAR AND PROGRAMMED YEAR. LISTS NEW WORK OBLIGATED AND NEW WORK COMMITTED. LISTS LABOR, EQUIPMENT RENTAL & CONTRACT COST FOR EACH PROJECT YEAR TO DATE. UTILIZED BY CHIEF BUDGET, CHIEF ERMD, AND THE DEPUTY DEH.

PAYROLL COST WORKSHEET & GRAPHS

WORKSHEET SHOWS ESTIMATED AND ACTUAL PAYROLL COST FISCAL YEAR TO DATE FOR OMAR FAMILY HOUSING & OMA. THIS COST IS BROKEN OUT BY PAY-PERIOD AND FYTD. GRAPHS REFLECT MANHOURS PER PAY-PERIOD, MANHOURS-TARGET & ACTUAL, COST-TARGET AND ACTUAL UTILIZED BY DEPUTY DEH, CHIEF ERMD & CHIEF BUDGET.

MILITARY LABOR & EQUIPMENT PROCESSING

MAINTAINS DBASE RECORDS OF USE OF BORROWED MILITARY LABOR & EQUIPMENT FOR COMPLETION OF WORKORDERS, GENERATES SYNOPSIS OF WORK DONE BY WORK ORDER, SHOP, ELEMENT EXPENSE, USED BY BUDGET ERMD, MILITARY OPERATIONS DEH, OPERATIONS MILITARY LOANING UNITS.

AUTOMATED TECH DATA

ALLOWS COMPUTER UPDATE OF TECH DATA REPORT.

PROGRAMMING WORKSHEET (COB + SOR)

PERFORMS COMPUTATIONS AND PRINTS DATA REQUIRED FOR COMMAND OPERATING BUDGET AND STATUS OF OPERATING RESOURCES. USED BY DEH BUDGET OFFICE PERSONNEL - RIGSBY & MILLS.

RECURRING RENTAL COMPLETION WORKSHEET

MAINTAINS COMMITMENT, OBLIGATION, DISBURSEMENT RECORDS OF APPROXIMATELY 200 SMALL PORTA-CAN RENTAL ORDERS AND PENERATES PRINT OUTS OF STATUS OF EACH OR ALL ORDERS. USED BY DEH BUDGET AS FEEDER DATA FOR OTHER MECHANIZED INPUT AND REPORTING/PLANNING PURPOSES.

PROJECT AUDIT TRAIL (MMCAR)

COMPUTES AND MAINTAINS FINANCIAL RECORDS OF FUNDING COMMITMENT, OBLIGATION AND COMPLETION OF MMCAR PROJECTS BY PROJECT, DATES, APPROPRIATION ELEMENT OF EXPENSE, ETC. UTILIZED BY DEH BUDGET IN MAINTAINING ACCOUNTING RECORDS, AND PREPARATION OF REPORTS AND BUDGETING/PLANNING PURPOSES; USED BY ERMD, EP&S AND OFF POST FACILITY OFFICE.

UTILITIES WORKSHEET/HISTORY

COMPUTES GAS & ELECTRICITY & FUEL OIL MONTHLY REQUIREMENTS FROM ENERGY BRANCH INPUT. PRINTS OUT REFERENCES OF DIRECT, FAMILY HOUSING, OTHER REIMBURSABLES AND TOTAL ESTIMATES/ACTUALS AND ENTERS ACTUAL MONTHLY OBLIGATIONS BY UTILITY

INTO CHARTS DEPICTING HISTORICAL DATA FOR PLANNING/PROGRAMING RESEARCH. USED BY DEH BUDGET, F & A, DOIM.

AFH PROGRAMMED SOR

PROVIDES A FISCAL YEAR TO DATE ACTUAL AS PROGRAMMED OBLIGATIONS. USED FOR REPORTING ON FORM 757-R AND FORM 757-4R TO DRM AND TRADOC. USED TO DETERMINE OBLIGATION RATE, POTENTIAL SLIPPAGES/ORDAGES, HISTORICAL DATA FOR FUTURE PROGRAMMING.

AFH ANNUAL WORK PLAN

PROVIDES A MONTHLY (OR SOONER IF DESIRED) OVER-ALL VIEW OF FYTD OPERATIONS VS ANNUAL PROGRAMMED OBLIGATIONS BY WORK ORDER, AREAS AND NUMBER OF FH DWELLING UNITS. ELIMINATES POTENTIAL VIOLATION OF DWELLING UNIT COST FAMILY HOUSING LIMITATIONS. PROVIDES POTENTIAL DEFERRED MAINTENANCE AND REPAIR (DMAR) (BACKING) PROJECTS. WILL SORT BY DMAR, COST OF OWNERSHIP AND NEW WORK.

AFH FUND STATUS AUDIT TRAIL

MAINTAINS A MECHANIZED RECORD OF FISCAL YEAR FUNDS RECEIVED/WITHDRAWN AND REASONS FOR TRANSACTIONS. MAINTAINED FROM DATE OF INCEPTION TO FINAL YEAR-END ACTUAL FOR ONE YEAR.

OMA ANNUAL WORK PLAN

PROVIDES A CURRENT STATUS ON ALL WORK ORDERS FUNDED BY OMA FUNDS. IT IS USED FOR SEVERAL REPORTS.

AFP (ANNUAL FUNDING PROGRAM) - ACTUAL & PROGRAMMED

MANAGEMENT TOOL WICH SHOWS ACTUAL AND PROGRAMMED COST BY MONTH OF RPMA AND ALL OF P8100. UTILIZED BY DEPUTY DEH, CHIEF FRMD & CHIEF BUDGET.

LOTUS 1-2-3 IS USED BY ENVIRONMENTAL PERSONNEL TO MANAGE NEPA DOCUMENTATION FOR MCA PROJECTS, TO MANAGE AIR, WATER, AND SOLID WASTE PROGRAMS FOR PERMIT COMPLIANCE. USED ALSO IN MANAGING EXHIBIT I PROJECT REQUESTS.

ERMSO (ENGINEER RESOURCE MANAGEMENT DIVISION SERVICE ORDER)

THE SYSTEM TO BE USED BY ERMD (ENGINEER RESOURCE MANAGEMENT DIVISION) SERVICE/WORK ORDER CLERKS, ENABLES THE USER TO ADD (CREATE), DELETE, MODIFY (CHANGE), PRINT, OR VIEW SERVICE ORDERS. THE SYSTEM INCLUDES SEVERAL INDEPENDENT DATA BASES WHICH AUTOMATICALLY DISPLAYS VARIOUS FIELDS. THUS REDUCING KEYSTROKES DRAMATICALLY. SELECTIVE INFORMATION CAN BE VIEWED OR PRINTED AS NEEDED BASED UPON THE MULTIPLE (UP TO 5) CONDITIONAL STATEMENTS SELECTED BY THE USER. VARIOUS MANAGERIAL AND ANALYTICAL REPORTS CAN BE CREATED AND PRINTED. THE PROGRAM IS WRITTEN IN DBASE III.

WEEKLY SUMMARY OF SHOP BACKLOG, 1/2 WORKFORCE DISTRICT REPORT

THE PROGRAM USES SELECTED DATA FROM SHOP BACKLOG AND WORKFORCE DISTRIBUTION REPORT, AND WITH COMPRESSED PRINT, PUTS BRANCH TOTALS AND INDIVIDUAL SECTION TOTALS IN ORGANIZATIONAL SEQUENCE SO THAT THE DEH CAN COMPARE DIVISIONS, DIVISION/BRANCH CHIEFS CAN COMPARE THEIR PEER. REPORT IS 2 PAGES LONG, SUMMARIZING 48 SHOPS. SHOPS GET ASSIGNED STRENGTH, HOURS IN IFS THIS YEAR, HRS OVERTIME, BORROWED 1/2 LOANED, IJO HRS AND % OF TOTAL; SICK LEAVE, OTHER LEAVE 1/2 OVERHEAD HRS, AND 8 WEEKS WORTH OF HOURS KEYED INTO SYSTEM.

SUMMARY OF 500 REPORT

THE PROGRAM EXTRACTS DATA FROM THE STANDING OPERATIONS ORDERS REPORT (END-OF-MONTH COPY) AND ARRANGES ALL PHASES, 1/2 DO CURRENT NUMBERS BY SHOP. SHOP PERFORMANCE CAN BE SEEN AT A GLANCE IN RELATION TO THE ESTIMATES. THIS REDUCES A 47 PAGE 500 REPORT TO A 7 PAGE SUMMARY AND GIVES DEH TOTALS FOR OVERALL PERFORMANCE.

WORK ORDER

SCHEDULES, WRITES WORK ORDERS/SERVICE ORDERS, COLLECTS COSTS, AMS CODE DATE, CA DATA, GENERATES REPORTS. GENERATES AND TRANSMITS WORK REQUESTS. FEJE SYSTEM IS ON ORDER. WILL TRY TO INTEGRATE MATERIAL FEATURE WITH SUPPLY SYSTEM.

IJO-MSO WORK ORDER SYSTEM

THIS SYSTEM CONTROLS ALL INDIVISUAL WORK ORDERS AND MAINTENANCE SHOP ORDER PERFORMED BY THE DEH THROUGHOUT FISCAL YEAR.

INTEL 310

ENGINEERS AND ADMINISTRATORS USE IT TO TRACK PROJECTS AND CONTRACT PROGRESS, SUSPENSE, COSTS, ETC.

JOB ORDER REQUEST/INDIVIDUAL JOB ORDER LISTING

1. LOCAL APPLICATION OF LOTUS 1-2-3. 2. PROVIDES QUICK REFERENCE ON STATUS OF ALL REQUESTS. 3. MARKUP BY REQUESTS PROVIDES THEIR PRIORITY LISTING OF THEIR REQUESTS. 4. PROVIDES COMPLETION DATA TO REQUESTORS. 5. SIMPLIFIES ALL TASKS LISTED ABOVE (#10).

WEEKLY SCHEDULE

THE SYSTEM IS USED BY THE WORK RECEPTION & SCHEDULING SECTION AS A SCHEDULING DOCUMENT TO HELP IDENTIFY AND CONTROL THE WORK IN PROGRESS IN THE DEH OF THE IN-HOUSE LEVEL.

ANNUAL WORKPLAN DATABASE

THE APPLICATION CONTAINS AND CONTROLS A DYNAMIC PRIORITY LISTING OF ALL DEH WORK REQUESTS WITH VARIOUS INFORMATION EXAMPLES (COSTS, STATUS, JOB DESCRIPTION, PRIORITY RANKING.)

LOTUS 1-2-3 & REPORT WRITER

COMMITTMENT OBLIGATION LEDGER WHICH SHOWS EACH INDIVIDUAL ITEM THAT HAS FUNDS CERTIFIED AND WHAT AMOUNT AND WHEN IT IS OBLIGATED.

KNOWLEDGEMAN

INTEGRATED DATA BASE, MCA, OMA, IJO, CONSTRUCTION, PLANS/SPECS RECEIVED, QA, SERVICE ORDER COMPLETED BY CONTRACTOR, A & E DATA, WORD PROCESSING, GRAPHICS, SCHEDULING, SPREADSHEET, INSTALLED EQUIPMENT, DEVELOP IN-HOUSE ESTIMATES USED FOR NEGOTIATIONS OF CONTRACT MODIFICATIONS - USED BY ALL OF DEH, PRIMARILY ENGINEERING, WORK RECEPTION, CONTRACT ADMIN, AND TECHNICAL MONITORS/CONSTRUCTION REPS.

Engineering Plans and Services Division

TASK MANAGEMENT

AMPLIFIES IFS AND FEEMS TO THE SUB-BUILDING LEVEL. FROM A MENU THE USER CAN TRACK EMERGENCY WORK ORDERS, SCHEDULED MAINTENANCE, SUPPLIES; ISSUE PURCHASE ORDERS, RECORD EXPENDITURES, USE THE TEXT PROCESSOR AND JUST ABOUT ANYTHING ELSE THAT IS NEEDED.

LOTUS 123 - EPTS

IT IS A CONSTRUCTION/DESIGN UPDATE REPORT IN THE FORM OF A SPREAD SHEET. IT IS ORGANIZED IN FISCAL YEARS IN DESIGN AND BY PROJECT MANAGER IN CONSTRUCTION. IT LISTS ALL DESIGN AND CONSTRUCTION COSTS, A/E'S, CONSTRUCTION TIME, CONTRACTOR, PERCENTAGE COMPLETE, PROCUREMENT TIME.

IGAS - INTERACTIVE GRAPHICS ANALYSIS

PRESENTLY USED BY EPTS TO CREATE AND MAINTAIN A DATA BASE ON ALL PHYSICAL FEATURES OF THE ENTIRE INSTALLATION. DATA BASE CONTAINS INFO. ON ALL BUILDINGS, ROADS, GROUNDS TERRAIN, UTILITY SYSTEMS (ABOVE AND BELOW GROUND) INCLUDING SIZE OF CONDUCTORS, TRANSFORMERS, SWITCH STATIONS, HAS ANALYSIS CAPABILITY TO DETERMINE CAPACITY OF EACH UTILITY SYSTEM AND THE IMPACT OF THE NEW CONSTRUCTION ON SAME, PROVIDES ALL MAPS & PLANS IN ACCORDANCE WITH AR 210-20. PROVIDES ENGINEER DESIGN CAPABILITY INCLUDING ROAD AND EARTHWORK, BUILDINGS. MEETS ALL EPS NEEDS. STORES. "AS BUILTS," USED IN RANGE DESIGN ETC. SUPPORTS ALL DEH ACTIVITIES AS WELL AS INSTALLATION USERS.

SPACE UTILIZATION

SYSTEM PROVIDES FOR RECORDING OF A DATA BASE NECESSARY TO MANAGE SPACE UTILIZATION FOR REAL PROPERTY MANAGEMENT.

MOBILIZATION BLOCKING BRACING PALETTES AND CHAIN TIEDOWNS (BBPLCT)

THE APPLICATION WAS DESIGNED TO ASSIST MOBILIZATION PLANNERS IN DETERMINING THE AMOUNT OF BBPCT&S WHICH MUST BE STOCKED. INPUTS INCLUDE NUMBER AND TYPE OF VEHICLES TO BE DEPLOYED, COST OF MATERIALS, PERCENTAGE OF CHAIN TIE-DOWN RAIL CARS.

DESIGN SCHEDULE

THE DESIGN SCHEDULE WAS AUTOMATED AS AN APPLICATION OF DBASE II. IT TRACKS ALL THE DESIGN PROJECTS FOR AN FY BY TYPES, PRIORITIES, PROJECT NUMBERS, DESCRIPTIONS, ESTIMATED COSTS, FUNDING CATEGORIES, PERCENTAGES DESIGNED, PR AMOUNTS, IFB/PR NUMBERS, SJA/ISSUE DATES, OPENING DATES, CONTRACT AMOUNTS, AWARD DATES, ASSIGNED ENGINEERS AND ARCHITECTS, DESIGN METHODS, TRADOC SCORES, AND REMARKS. IT IS USED BY DEH ENGINEERS, ARCHITECTS, ADMINISTRATORS, AND MANAGERS TO MANAGE THE DESIGN PROGRAM. IT IS PUBLISHED AS NECESSARY, USUALLY RUN OFF BY PROJECT TYPE AND PRIORITY; AND RUN OFF BY ASSIGNED ENGINEER OR ARCHITECT.

CONTRACT STATUS REPORT

THE CONTRACT STATUS REPORT WAS AUTOMATED AS AN APPLICATION OF DBASE II. IT TRACKS THE STATUS OF DEH AND SAVANNAH DISTRICT CONTRACTS BY CONTRACT AND IFB NUMBERS, PROJECT NUMBERS, ASSIGNED ENGINEERS AND ARCHITECTS, PROJECT DESCRIPTIONS, ASSIGNED INSPECTORS, CONTRACTORS, CONTRACT AMOUNTS, PERCENTAGES COMPLETE, START/COMPLETE DATES, AND REMARKS. IT IS USED BY DEH ENGINEERS, ARCHITECTS, ADMINISTRATORS, AND MANAGERS TO FOLLOW STATUS OF CONTRACTS FROM AWARD TO COMPLETION. IT IS PUBLISHED MONTHLY.

COMPUTER AIDED MAPPING (AUTOMATED MASTER PLANNING)

SUPPORTS AUTOMATED MANAGEMENT OF MAPS, PLANS; PROVIDES CADD FOR SKETCHES, DRAWINGS ETC, USED FOR IN-HOUSE CONTRACTS, O & M WORK REQUESTS.

BACHELOR HOUSING UTILIZATION PROCESSOR

THE SYSTEM IS UTILIZED TO MONITOR OCCUPANCY AND INVENTORY DATA AND UTILIZATION OF UPH ASSETS. MONTHLY UTILIZATION DATA BY ROOM NUMBER. BROKEN OUT BY GRADES ARE RECORDED.

CATERIER, EZO-II

HVAC DESIGN.

SPACE REQUIREMENT PROGRAM

PROVIDES A METHOD OF SURVEYING USERS TO FIND ACTUAL VS AUTHORIZED VS REQUIRED SPACE WHICH IS NECESSARY TO PERFORM MISSIONS. DEVELOPS AN ARCHITECTURAL PROGRAM OF SPACE REQUIRED FOR NEW CONSTRUCTION PROJECTS.

AUTOMATED MAPPING/FACILITY MANAGEMENT

PROVIDES AN AUTOMATED/DIGITIZED FACILITY MAPPING AND DATA BASE SYSTEM. IT WILL BE USED BY THE MASTER PLANNER AND PUBLIC WORKS DIVISION.

CUSTODIAL CONTRACT STATUS SYSTEM

CONTAINS A LIST OF BUILDINGS, & THE LEVEL OF CLEANLINESS. PROVIDES QUICK TOTALS AND CHANGES TO THE CONTRACT.

CONSTRUCTION PROJECT STATUS SYSTEM

USED TO PROVIDE STATUS OF ACTIVE CONSTRUCTION CONTRACTS. USED BY THE INSPECTORS, AND PROVIDES A STATUS REPORT FOR DEH PERSONNEL.

VIABLE

TRACKS PROJECT COSTS & ACCOUNTING CODES USED BY ACCOUNTING TECHNICIANS.

DEPARTMENT TRAINING RECORDS

KEEPS TRACK OF ALL DEPARTMENT PERSONNEL TRAINING. A TRAINING, RECORD WHICH CONSISTS OF TRAINEE NAME AND TITLE, TRAINING CLASSIFICATION CODE, DATE AND HOURS; AND A BRIEF DESCRIPTION OF THE TRAINING GIVEN. DEPARTMENT TRAINING OFFICER USES THIS APPLICATION.

MANHOUR UTILIZATION ACTIVITY REPORTING SYSTEM

KEEP TRACK OF MANHOURS SPENT ON DEPARTMENT RELATED ACTIVITIES. DATA IS COLLECTED ON TYPE OF TASK TO BE PERFORMED; ALLOTTED AND ACTUAL TIME IS COLLECTED ON TYPE OF TASK TO BE PERFORMED; INDIVIDUALS INVOLVED IN TASK. SYSTEM IS USED BY DEPARTMENT MANAGEMENT.

DD FORM 1391 PROCESSOR SYSTEM

1) ALLOWS THE USER TO ELECTRONICALLY PREPARE, EDIT AND REVIEW A DD FORM 1391. 2) ASSISTS THE USERS IN CALCULATING SPACE ALLOWANCES CRITERIA AND COST ESTIMATES. 3) GIVES THE USER ACCESS TO THE LATEST GUIDANCE AND POLICIES. USED BY PLANNERS & ENGINEERS IN THE MASTER PLANNING BRANCH.

CADD FOR INSTALLATION MASTER PLANNING

SYSTEM USED TO PROVIDE AUTOMATED CADD MASTER PLANNING CAPABILITIES, ENGINEERING DESIGN, AS-BUILT CONTROL, REAL PROPERTY RECORDS AND CONTROL, STORE ENVIRONMENTAL & NATURAL RESOURCE DATA. SYSTEM TO BE USED BY DEH AND SUPPORTING ALASKA DISTRICT CORPS OF ENGINEERS.

VERSAFORM - (CONTRACTS STATUS = APPLICATION)

RECORDS A WIDE VARIETY OF PROJECT/CONTRACT INFORMATION. INFORMATION CAN BE UTILIZED TO DEVELOP REPORTS ON MODIFICATIONS IN PROGRESS, FUNDING INFORMATION, PROJECTS COMPLETED, % COST OVERRUNS, STATUS, POINTS OF CONTACT, DATES COMPLETED, ETC. SYSTEM USED FOR BUDGETING & PLANNING, BRIEFING, WORK MANAGEMENT. ALSO MISCELLANEOUS WORD PROCESSING & REPORTS.

PROGRAM STATUS REPORT

MASTER LIST OF PROJECTS CONTAINING PRIORITY, FORSCOM RATING, PROJECT #, ESTIMATED COST, TITLE, SCOPE, DESIGN STATUS (SCHEDULED & ACTUAL), FINAL REVIEW DATA, DATE TO CONTRACTING, DATE ADVERTISED, BID OPENING, CONTRACT AWARD, FUNDS COMMITTED, AND FUNDS OBLIGATED.

CONTRACT ACQUISITION PLAN

PROVIDE CURRENT AND PROJECTED DATES FOR PROJECT DESIGN COMPLETION PLUS ADVANCED ACQUISITION DATA FOR COORDINATION WITH THE DIRECTORATE OF CONTRACTING.

PROJECT SCOPE DOCUMENTATION

PROVIDES A RECORD OF THE SCOPE OF A PROJECT WITH PERTINENT DATA SUCH AS PROGRAM & PRIORITY, POINT OF CONTACT (USER), DESIGNER (A-E OR INHOUSE), STATEMENT OF WORK, PRELIMINARY COST, ETC.

BRANCH PROJECT LISTS

MAINTAINS PROJECT STATUS FROM DATE PROJECT IS APPROVED FOR DESIGN TO CONTRACT AWARD.

DBII SYSTEM ENGINEERING DRAWING

ALL ENGINEERING DRAWINGS ARE ENTERED INTO DATABASE, WHICH ALLOWS SEARCH, SORT, FIND OF DRAWINGS INDEXED BY BLDG #, PROJECT #, DWG #.

PAX/DD 1391 PROCESSOR (EP&S)

THE DD1391 PROCESSOR PROVIDES A MEANS FOR PREPARATION OF DEH PROJECT DATA AND THEIR ELECTRONIC SUBMISSION TO MACOM VIA MASCOMP FOR FUNDING OR APPROVAL. THE PAX SYSTEM PROVIDES A MEANS FOR ELECTRONIC INTERCHANGE OF MAIL WITH MASCOMP.

BUILDING AND GROUNDS MAINTENANCE SYSTEM

THIS SYSTEM WILL MONITOR SQUARE FOOT OF SNOW REMOVAL, GRASS CUTTING AND ALL MAN HOURS RELATING TO A SPECIFIC TASK.

PROJECT STATUS LIST

PROVIDES LISTING OF PROJECTS & IDENTIFIES AS TO STATUS (I.E.) ON ANNUAL WORK PLAN (AWP), UNDER DESIGN, DESIGN IN HOUSE, CURRENT WORK ESTIMATE (CWE), IN CONTRACTING; UNDER CONTRACT.

CADD

USED BY ENGINEERING TECHNICIANS, DRAFTSMAN AND ENGINEERS TO PREPARE CONTRACT DRAWINGS.

RAINBOW 100

ENGINEERS - DESIGN ANALYSIS, COST ESTIMATES, DATA MANAGEMENT, TRAFFIC MANAGEMENT AND DEIS REPORTS.

PC-FILE III (PLAN FILES)

SIMPLY A DATABASE INDICATING LOCATION OF VARIOUS AS-BUILTS OR SPECIFICATION PACKAGES.

Supply and Storage

TROOP DUE OUTS SYSTEM

FESS WILL NOT SHOW A DUE-OUT TO A TROOP UNIT/ACTIVITY WHO HAS REQUESTED MATERIALS/SUPPLIES ON A DA FORM 2765-1. SUPPLY BRANCH ENTERS REQUESTS SUBMITTED BY TROOP UNITS AND UPON ISSUE, DELETES RECORDS. THEREFORE, AT ANY TIME SUPPLY BRANCH KNOWS AND HAS A LISTING, BY TROOP UNIT OF TOTAL SUPPLIES DUE OUT TO TROOPS.

PROPERTY CONTROL SYSTEM

ACCOUNTABILITY OF DEH PROPERTY BOOK ITEMS BY QUANTITY, SERIAL NUMBERS, LIN, AND STOCK NO. IT GENERATES A PROPERTY BOOK. HAND RECEIPTS AND VARIOUS REPORTS ARE USED BY PROPERTY CONTROL CLERK.

Buildings and Grounds

ITT PERSONAL COMPUTER

LOTUS 1-2-3

TRACKS PREVENTIVE MAINTENANCE (PM) ACTIONS, ASSISTS IN SCHEDULING BUILDINGS FOR PM TASKS BY DATE AND BUILDING NUMBER, MAINTAINS PM HISTORY BY BUILDING NUMBER.

TAMMS - THE ARMY MAINTENANCE MANAGEMENT SYSTEM

IT REPLACES THE MANUAL PREPARATION AND MANAGEMENT OF FORMS AND RECORDS REQUIRED TO MANAGE MAINTENANCE, CONTROLS THE USE, AND REPORTS DEFICIENCIES OF ARMY (DEH) EQUIPMENT AS REQUIRED BY DA PAM 738-750. IT IS USED BY OUR TAMMS CLERK/EQUIPMENT DISPATCHER IN THE ORGANIZATIONAL MAINTENANCE SECTION OF ROADS & R.R. BRANCH - DEH.

FOREST MANAGEMENT INFORMATION SYSTEM

SYSTEM STORES, ANALYZES AND DISPLAYS MANAGEMENT INFORMATION RELATED TO TIMBER STAND CLASSIFICATION, CONTRACT STATUS (TIMBER SALES) FOREST INVENTORY.

PLANT DATA BASE - PLANNERS FOR TREE AND SHRUB REPLACEMENT PROJECTS. PRINTS OUT A BOM OF TREES AND SHRUBS BY SPECIES/SCIENTIFIC AND COMMON NAME/SIZE AND ESTIMATED COST.

PLANNERS FOR TRPP AND SNRUB REPLACEMENT PROJECT PRINTS OUT A BOM OR MROJ AND SURNDS BY SPECIALS/ & COMMON NAME/SIZE AND EST. COST.

SCADA

CONTROLS AND MONITORS THE ELECTRICAL DISTRIBUTION SYSTEM AT THE INSTALLATION SUBSTATIONS AND CAN BE EXPANDED TO HANDLE OTHER UTILITY SYSTEMS.

UTILITY INVENTORIES

IT IS USED BY THE GENERAL ENGINEER OF THE AREA OFFICE OFFICE TO KEEP TRACK OF MAJOR COMPONENTS OF THE INSTALLATION UTILITY SYSTEMS (I.E., WATER TOWERS, BOOSTER PUMPS,) AS TO INSTALLATION AND REPAIR OPERATIONS.

IT WILL HELP TO RECORD DAILY OPERATIONS & PLAN FUTURE REO'S PROJECTS.

DISPLAY WRITE III

IT WILL SIMPLIFY CORRESPONDENCE PREPARATION.

LOTUS

CONTRACTS DOCUMENTATION & MONITORING WILL BE DONE IN A MORE EFFICIENT MANNER.

Utilities

LOTUS 1-2-3

RECORDS ELECTRIC DISTRIBUTION SYSTEM OUTAGES-BOTH SCHEDULED AND UNSCHEDULED.

PEAK LOAD SHEDDING OF ELECTRICAL DEMAND

SHOWS INDIVIDUAL JOB ORDER (IJO) NUMBER, BLDG NO, DESCRIPTION OF WORK, HOURS BY TRADE, COMPLETION DATE, WHETHER IJO IS AWAITING SCHEDULING OR IN SHOP.

FAMILY HOUSING BUILDING INFORMATION REPORT

SHOWS BUILDING SQUARE FOOTAGE, BUILDING NUMBER, NUMBER OF BEDROOMS, AIR CONDITIONER (AC) MAKE, MODEL & SIZE, HEATER MAKE, MODEL & SIZE, YEAR WHEN HEATER & AIR CONDITIONER INSTALLED, FUEL USED, HOT WATER TYPE, ETC.

POST BUILDING INFORMATION REPORT

SHOWS BUILDING NUMBER, BUILDING SQUARE FOOTAGE, OWNER, AIR CONDITIONER MAKE, MODEL, SIZE, YEAR INSTALLED, HEATER MAKE, MODEL, SIZE, YEAR INSTALLED, FUEL, WHETHER BUILDING HAS AN EMERGENCY GENERATOR, MESSHALL, FIRE SUPPRESSION SYSTEM, UNDERGROUND TANK, ETC.

INDIVIDUAL JOB ORDER (IJO) SCHEDULE

KEEPS TRACK OF IJO'S AWAITING SCHEDULE & IN-SHOP.

FUEL CONSUMPTION

THE SYSTEM ALLOWS THE DIVISION TO TRACK FUEL CONSUMPTION FOR EVERY BUILDING ON POST. IT IS USED BY THE ENERGY BRANCH OF THE UTILITIES DIVISION.

TEMPORARY BUILDING REPORT

SYSTEM MAINTAINS DATA ON ALL TEMPORARY STRUCTURES AND STATUS OF EACH BUILDING. UTILIZED BY UTILIZATION PERSONNEL.

BUILDING UTILIZATION SURVEY

SYSTEM MAINTAINS BUILDING UTILIZATION DATA FOR ALL FT. BRAGG BUILDINGS. UTILIZED BY UTILITIES PERSONNEL.

QUARTERLY BASE DATA

INFORMATION IS UTILIZED BY REAL PROPERTY MANAGEMENT, BUDGET AND MASTER PLANNING OFFICES. SYSTEM IS A WRAP UP OF REAL PROPERTY ASSETS FOR FORT BRAGG.

DISPOSAL STATUS

SYSTEM IS USED TO IDENTIFY AND STORE DATA REGARDING FACILITY DISPOSALS, UTILIZED AS A STATUS TOOL DURING THE DISPOSAL PROCESS. USED BY REAL PROPERTY MANAGEMENT PERSONNEL.

FACILITY INSPECTION DATA

SYSTEM IS USED TO MAINTAIN INSPECTION DATA ON ALL FACILITIES. SYSTEM ALLOWS US TO KEEP STATUS LIST ON ALL FACILITIES. UTILIZED BY REAL PROPERTY PERSONNEL.

NEW CONSTRUCTION DATA

SYSTEM IS USED TO TRACK ACQUISITION OF NEW FACILITIES AND RELATED DATA SUCH AS SCOPE AND BUILDING NUMBERS. UTILIZED PRIMARILY BY REAL PROPERTY PERSONNEL.

UTILITIES BILLING SYSTEM

BILLS USERS ON PURCHASE OF UTILITIES.

ENERGY CONSUMPTION DATA

LOTUS 1-2-3 SOFTWARE SPREADSHEETS ARE USED TO KEEP TRACK OF FACILITIES ENERGY CONSUMPTION DATA.

IBM PC

IT IS USED AS A FILING SYSTEM.

SYMPHONY SOFTWARE - AUTOMATED UTILITIES

ALL UTILITY SALES OFFICER (USO) DUTIES ARE PERFORMED WITH SYSTEM. USED BY
USO.

UTILITIES, SALES USAGE COMPUTATION

UTILIZED BY BUDGET BRANCH TO CALCULATE UTILITIES CUSTOMERS USAGE, DERIVED FROM
METER READINGS. PLUS, APPLICABLE DOLLAR VALUE FOR BILLING. TOOK A 2-DAY TASK
AND SHRUNK IT TO LESS THAN ONE HOUR. COMPUTATION PECULIAR TO METERING AT FT.
LEAVENWORTH.

WEC 2000

SYSTEM IS USED BY ENERGY MANAGEMENT BRANCH PERSONNEL TO MONITOR TEMPERATURE
AND HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) EQUIPMENT STATUS IN 154
BUILDINGS. SOME LIMITED CONTROL OF HVAC EQUIPMENT IS ALSO PERFORMED.

ENVIRONMENTAL MANAGEMENT SYSTEM

ENVIRONMENTAL MANAGEMENT - ENVIRONMENTAL PERSONNEL

APPLE/APPLEWORKS/BASIC

USED BY CHIEF ENERGY MANAGEMENT BRANCH TO TRACK ENERGY USAGE, AND COSTS. THE DEFENSE ENERGY INFORMATION SYSTEM (DEIS) IS A SUMMARY BUT DOES NOT HAVE FORMAT FOR FUTURE PREDICTIONS, "WHAT-IF'S" AND TRENDING. PLANNING TO EXPAND SYSTEM TO MS-DOS SYSTEM WHEN AVAILABLE TO INCLUDE OPERATING LEVEL (OL) AND ALL UTILITIES SALES OFFICER (USO) ITEMS.

LOTUS 1-2-3

THE LOTUS 1-2-3 PROGRAM IS USED TO RECORD AND KEEP TRACK OF ENERGY CONSUMPTION, DEGREE DAY INFORMATION, BOILER LOG INFORMATION, FUEL TANK INFORMATION, METER INFORMATION, DEFENSE ENERGY INFORMATION SYSTEM (DEIS) REPORTING STATISTICS, GOAL CALCULATIONS, OPERATION ANTIFREEZE INFORMATION, BUILDING SQUARE FOOT INFORMATION AND INFORMATION FOR PRODUCING GRAPHS.

ENERGY SUMMATION & GRAPH PGM

SUMS MONTHLY ENERGY & GRAPHS RESULTS.

ENERGY MONITORING AND CONTROL SYSTEM (EMCS)

THE EMCS IS USED TO GATHER BUILDING TEMPERATURE AND STATUS DATA AND TO CONTROL SPACE TEMPERATURE EQUIPMENT. SUCH AS UNIT HEATERS, AIR CONDITIONING SYSTEMS SUCH AS DIRECT EXPANSION UNITS AND CHILLERS, AND ANY OTHER ENERGY RELATED EQUIPMENT OR DEVICES. FACILITIES ENGINEERING DIVISION UTILIZES THE SYTEM AS A MEANS TO PREVENT ENERGY WASTE. IN THE FUTURE, THE FACILITIES ENGINEER HAS PLANS TO USE THE EMCS TO TAKE DATA FOR A LARGE - SCALE ELECTRIC STEAM/GAS METERING PROJECT.

Fire Protection Division

CENTRAL ALARM NOTIFICATION SYSTEM

MONITORS FIRE AND HVAC SYSTEMS, RECEIVES FIRE ALARMS AND HVAC ALARMS, STORES AND RETRIEVES GRAPHIC FLOOR PLANS AND OTHER PERTINENT INFORMATION FOR FIRE AND HVAC ALARMS RECEIVED. SUPERVISES FIRE AND HVAC ALARM SYSTEMS. USERS - FIRE PREVENTION & PROTECTION AND ENERGY MANAGEMENT.

FAMILY QUARTERS FIRE PREVENTION INSPECTION PROGRAM

SYSTEM IS USED TO TRACK INDIVIDUAL FIRE PREVENTION INSPECTIONS FOR FAMILY QUARTERS. INFORMATION COLLECTED CONSISTS OF OCCUPANTS NAME, QUARTERS NUMBER, LOCATION OF QUARTERS, HAZARDS NOTED, FOLLOW-UP INSPECTIONS REQUIRED.

INCIDENT RESPONSE REPORTING SYSTEM

SYSTEM IS USED TO KEEP TRACK OF INCIDENT RESPONSE CALLS, INFORMATION IS COLLECTED ON TYPE OF CALL, TIME OF DAY, LOCATION OF CALL, RESPONDING UNITS, IDENTIFICATION CODE NO, AND BRIEF REMARK ON EACH CALL.

LABOR, CALC-FLOW, T.I.S., T.E.S. & S.I.S

LABOR - CALCULATES MANHOUR USE FOR ENTRY ON QMFL FORM 870 CALC-FLOW-CALCULATE FIRE FLOW ON HYDRANTS FOR ENTRY ON DA FORM 5384-R. T.I.S.-TRACKS TRAINING

INFORMATION FOR ENTRY ON DA FORM 5376-R. T.E.S.-TRACKS TRAINING EXPENDITURES (SCHOOLS, CLASSES, ETC). S.I.S.-TRACKS SUPPLY REQUESTS.

F.I.I.S. & B.I.S

F.I.I.S. - LIST OF BUILDINGS TO BE INSPECTED - USE & OCCUPANT OF THE BLDG., NAME & AREA OF THE INSPECTOR. B.I.S. - DATA FOR ENTRY ON D.D. FORM 2324.

MONACO FIRE ALARM SYSTEM

PROVIDES VHF RADIO ALARM AND SYSTEM FAILURE MONITORING.

DB MASTER EXTINGUISHER DATA

HAS AN INVENTORY OF ALL EXTINGUISHERS (2,500) ON DEPOT BY COST CENTER SERIAL #, MODEL, BUILDING #, LOCATION IN THE BUILDING, RECHARGE DATE, HYDROSTATIC TEST DATE, MANUFACTURER AND CURRENT INSPECTION DATE USED BY FIRE PROTECTION INSPECTORS.

MOTOROLA INTRAC 2000 FIRE ALARM SYSTEM

Housing

LOTUS IS USED AS A PROGRAM TO ACCEPT RESERVATIONS, PROVIDE DAILY STATISTIC BY RANK OF WHO IS HOUSED IN ALL QTRS ASSIGNED TO BILLETING. NUMBER OF VACANT ROOMS IN EACH TYPE QUARTERS. IT IS USED BY RESERVATION CLERK, PCS CLERK AND OPERATIONS OFFICER.

PROPERTY BOOK MANAGEMENT STAND-A-LONE SYSTEM

PROPERTY BOOK MANAGEMENT, CUSTODY RECEIPTS, FINANCIAL MANAGEMENT STATUS, SERIAL NUMBER RECORDS, ADDRESS LISTINGS, ANTICIPATED REQUIREMENTS COMPUTATIONS, CORRESPONDENCE TO USERS, ACTIVITIES, STATUS ON EQUIP DUE-IN/DUE-OUT, TO SUPPORTED UNITS. USED BY ALL PERSONNEL IN FMB.

SIDPERS LOSS ROSTER INTERFACE WITH HIMIS

THE PRINTOUT PROVIDE NAMES AND ADDRESSES OF SOLDIERS RESIDING IN GOVERNMENT QUARTERS WHICH ARE KNOWN LOSSES.

MA4/D/BOOK

NOT ON LINE NO PASSWORD AND THIS SYSTEM WILL BE REPLACED SOME TIME.

(FADS) FACILITY ACTIVATION/DEACTIVATION SYSTEM

PROGRAMS ASSIGNMENTS OF ALL FACILITIES, PARKING LOTS FOR ALL EVENTS & OTHER OFFICIAL PURPOSES. (ANNUAL TRAINING & MILITARY UNITS). THIS IS DONE BY DOL HOUSING - FACILITY ASSIGNMENT CLERK. COORDINATION IS MADE WITH OTHER USERS (DEH WORK RECEPTION & DOL FURNISHING MANAGEMENT BRANCH) ASSIGNS & MAINTAINS ALL MOBILIZATION FACILITY ASSIGNMENT PLANS. ESTABLISHES, MAINTAINS & UPDATES DATABASE FILES SUCH AS A FACILITY USER FILE, SCHEDULILNG FILE, KEY CONTROL FILE, FACILITY MASTER FILE, MOBILIZATION SCHEDULILNG FILE. PREPARES BILLET PLANS, COMMITMENT REGISTERS, STATUS REPORTS & KEY CONTROL REPORTS. IT DOES NOT DO TRANSIENT, PCS, TDY OR GUEST HOUSE ASSIGNMENTS.

THE SYSTEM CONSISTS OF KEY PUNCHED CARDS WHICH ARE PROCESSED THRU THE COMPUTER. THE PRINT OUT PROVIDES SERIAL NUMBERS, ON RANGES, REFRIGERATORS, AND LAWN MOWERS ASSIGNED TO EACH SET OF QUARTERS. BY USING ADDITIONAL CARDS, THE SYSTEM CAN PROVIDE ANY CHANGES IN STATUS OF ANY OF THE ABOVE ITEMS. IT IS USED TO PROVIDE AN UPDATED PRINT OUT PERIODICALLY TO UPDATE AND MAINTAIN CONTROL OF ALL SERIAL NUMBERED ITEMS FOR EACH SET OF QUARTERS.

Hospital

HOSPITAL ENGINEERING MANAGEMENT SYSTEM (HEMS)

STORES/UPDATE: HISTORY OF LINE ITEM INVENTORY OF ALL FACILITIES EQUIPMENT;
PROCESSES WORK SCHEDULE AND WORK ORDERS FOR SCHEDULED AND UNSCHEDULED
MAINTENANCE. MAINTAINS INVENTORY OF REPAIR PARTS AND STOCK ITEMS; PROVIDES
SPECIFIC MAINTENANCE PROCEDURES; GENERATES RELATED REPORT.

(HEMIS) HOSPITAL EQUIPMENT MAINTENANCE INFORMATION SYSTEM

THE SYSTEM IS USED BY THE CHIEF OF HOSPITAL MAINTENANCE AND HIS SECRETARY TO
MAINTAIN AN UP TO DATE RECORD OF ALL WORK ORDERS AND SCHEDULING AND MANAGING
OF PREVENTIVE MAINTENANCE PROGRAMS ON HOSPITAL SYSTEMS.

FACILITIES MANAGEMENT COMMAND CENTER

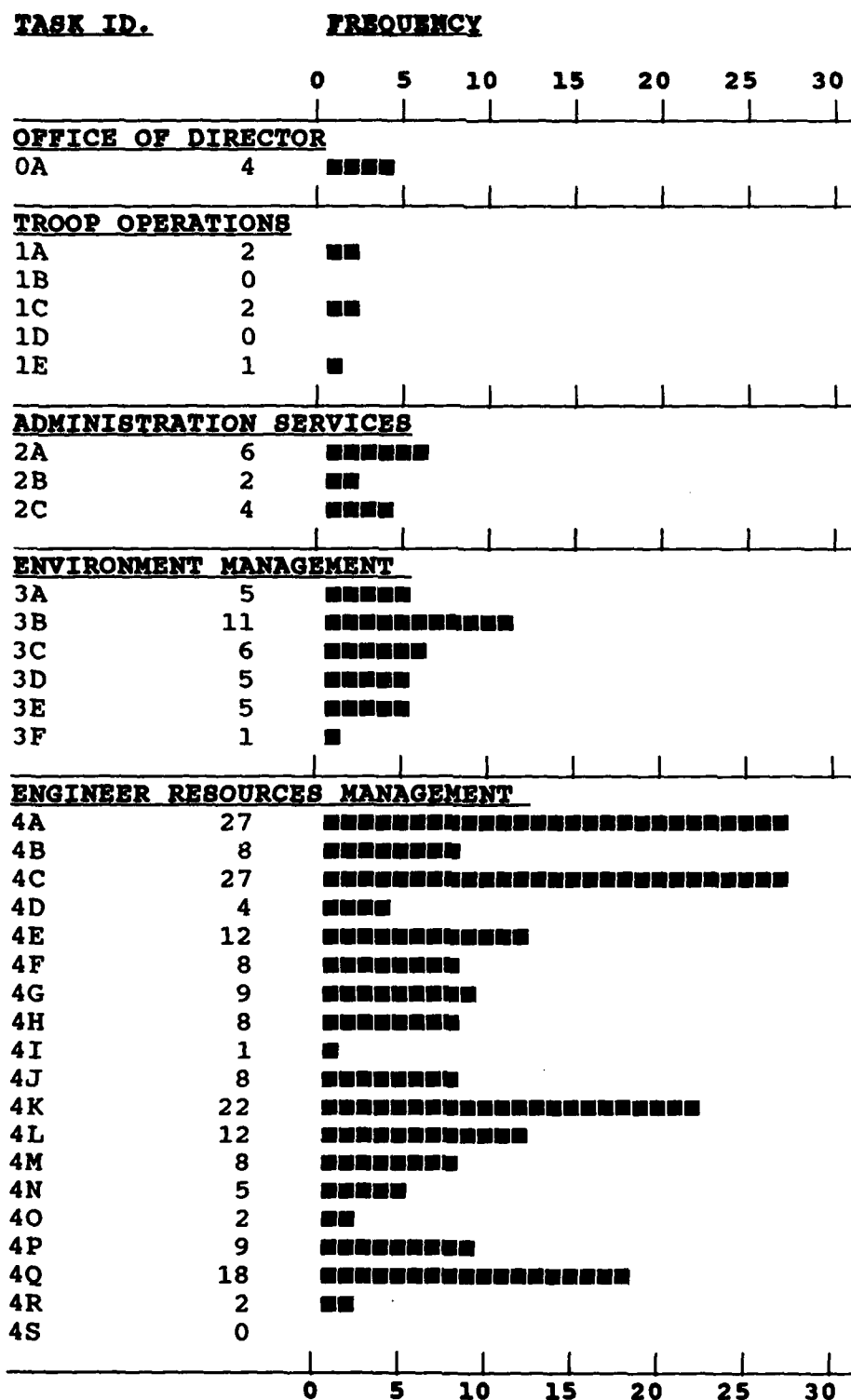
THE SYSTEM LOGS AND ALARMS THE FOLLOWING POINTS: SMOKE, TEMPERATURES, AIR
FLOWS, RELATIVE HUMIDITY, MOTOR STATUS, PRESSURES, FIRE SYSTEM ALARMS,
ELECTRICITY DEMAND, LOSS OF POWER. IT IS USED BY THE HOSPITAL FACILITIES
MAINTENANCE CONTRACTOR TO OPERATE AND MAINTAIN THE HOSPITAL.

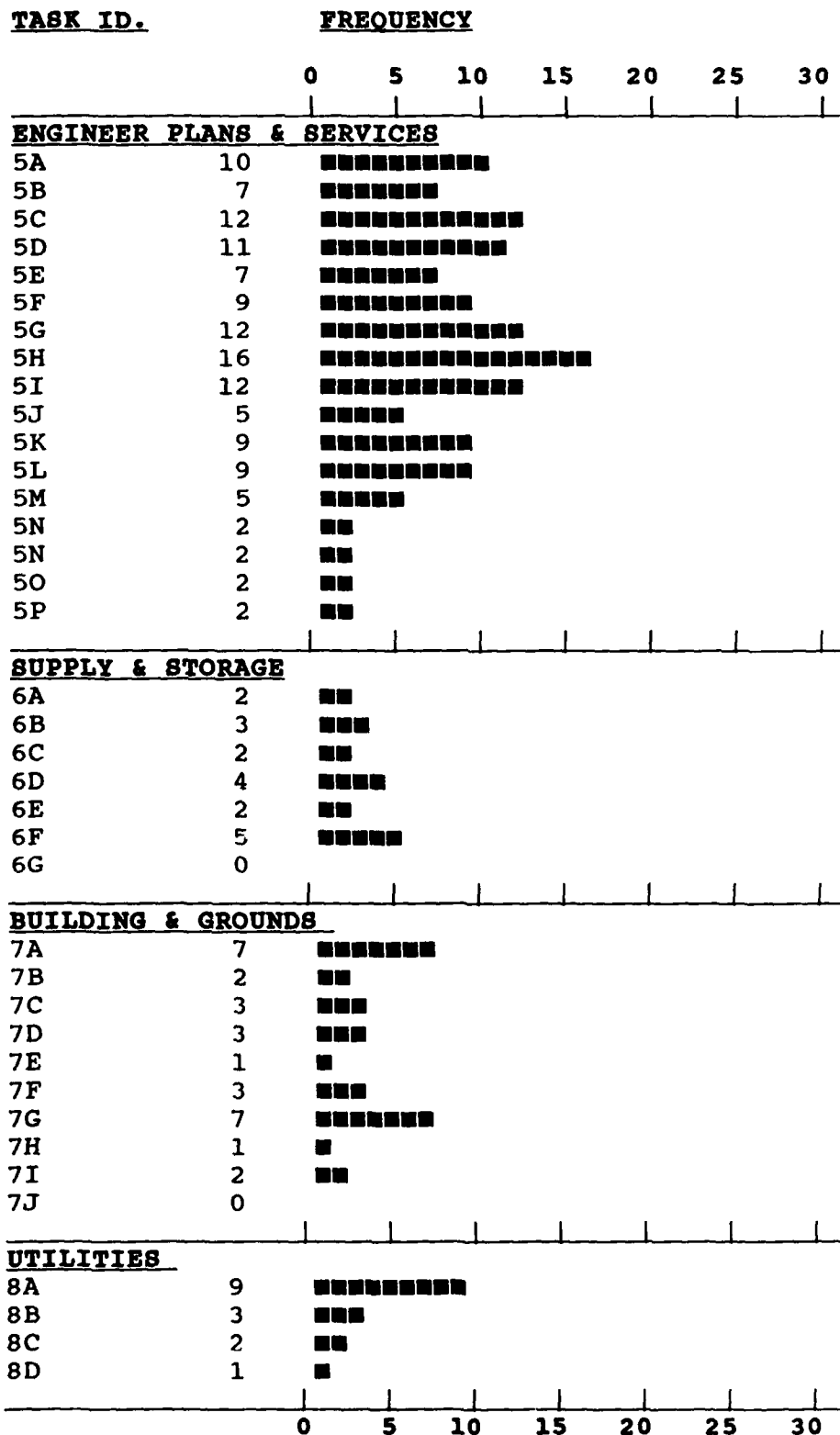
TRANSITUBE/TRANS-LOGIC COMPUTERIZED PNEUMATIC TUBE SYSTEMS

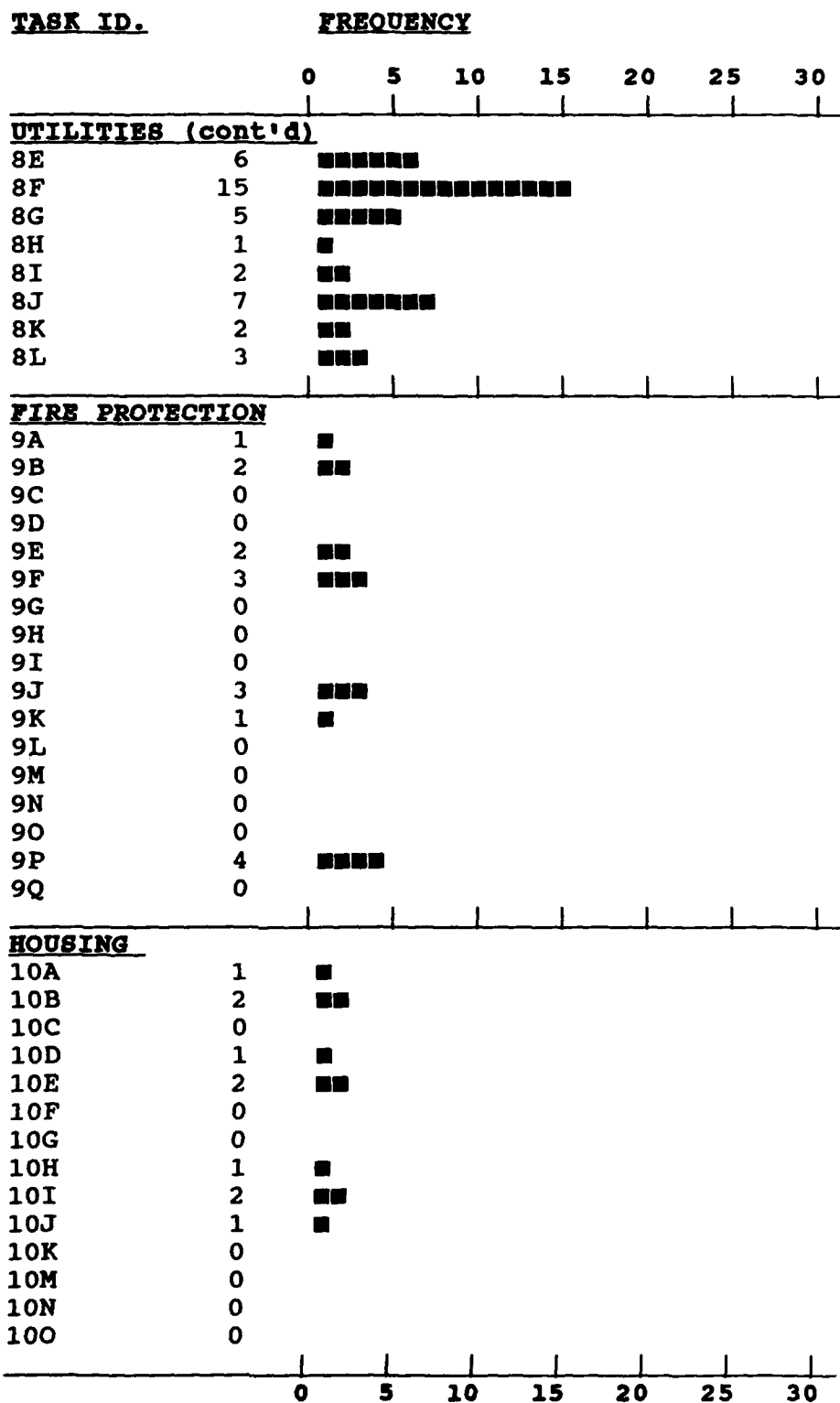
OPERATES AND CONTROLS TUBE SWITCHING SYSTEM FOR PNEUMATIC CARRIER AND REMOTE
STATION. THIS SYSTEM IS USED BY HOSPITAL PERSONNEL TO SEND MESSAGES AND
SPECIMENS FROM ONE AREA OR THE HOSPITAL TO ANOTHER.

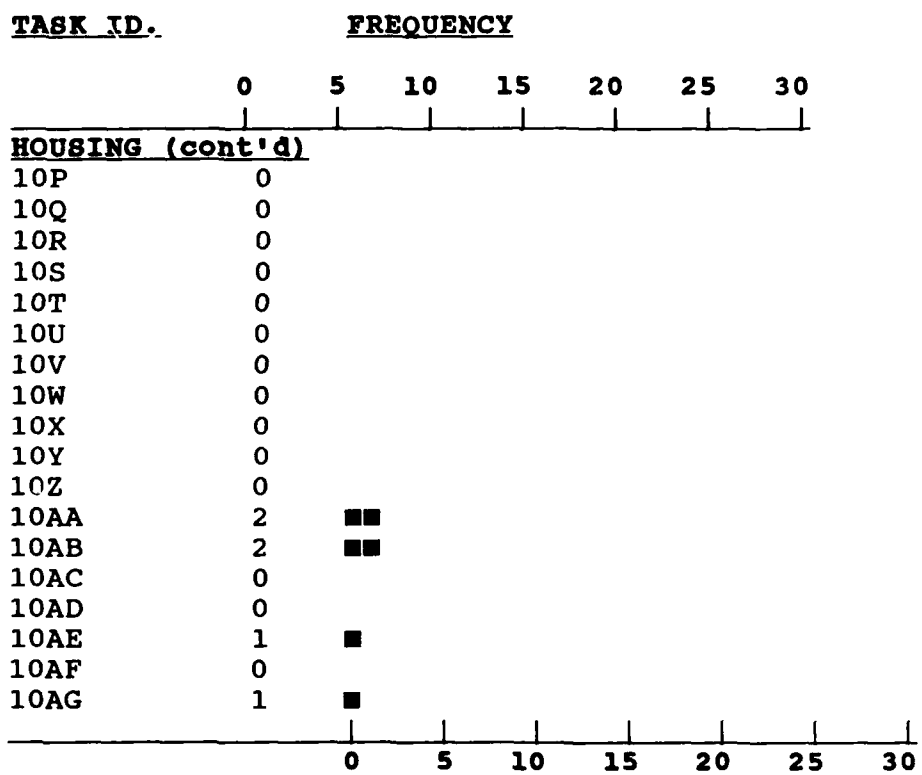
APPENDIX G:

TASKS ACCOMPLISHED BY HOME-GROWN SYSTEMS









USA-CERL DISTRIBUTION

Chief of Engineers
ATTN: CERD-L

EHSC 22060
ATTN: CEHSC-F

TRADOC
Ft Hill, VA 22427
ATTN: ATZM-FHE
Ft Belvoir, VA 22060
ATTN: ATZA-DEH
Ft Benning, GA 31905
ATTN: ATZB-EH
Ft Bliss, TX 79916
ATTN: ATZC-DEH
Carlisle Barracks, PA 17013
ATTN: ATZE-DE
Ft Chaffee, AR 72905
ATTN: ATZR-ZF
Ft Dix, NJ 08640
ATTN: ATZD-EHZ
Ft Eustis, VA 23604
ATTN: ATZE-EH
Ft Gordon, GA 30905
ATTN: ATZH-FE
Ft Hamilton, NY 11252
ATTN: ATZD-FHE
Ft Ben Harrison, IN 46216
ATTN: ATZI-FE
Ft Jackson, SC 29207
ATTN: ATZJ-EH
Ft Knox, KY 40121
ATTN: ATZK-EH
Ft Leavenworth, KS 66027
ATTN: ATZL-TEH
Ft Lee, VA 23801
ATTN: ATZM-E
Ft Leonard Wood, MO 65473
ATTN: ATZT-DEH
Ft McClellan, AL 36205
ATTN: ATZN-FE
Ft Monroe, VA 23651
ATTN: ATZQ-EH
Ft Pickett, VA 23624
ATTN: ATZM-FPE
Ft Rucker, AL 36362
ATTN: ATZQ-EH
Ft Sill, OK 73503
ATTN: ATZR-E
Ft Story, VA 23459
ATTN: ATZF-FE

FORSCOM
Ft Bragg, NC 28307
ATTN: ATZA-DE
Ft Campbell, KY 42223
ATTN: AFZB-DEH
Ft Carson, CO 80913
ATTN: AFZC-FE
Ft Devens, MA 01433
ATTN: AFZD-FE
Ft Drum, NY 13601
ATTN: AFZS-EH
Ft Greely, AK 98733
ATTN: AFZT-FE
Ft Hood, TX 76544
ATTN: AFZF-DE
Ft Lewis, WA 98433
ATTN: AFZH-FE
Ft MacArthur, CA 90731
ATTN: ATTN: DEH
Ft McCoy, WI 54656
ATTN: AFZR-FE
Ft McPherson, GA 30330
ATTN: AFZK-EH
Ft Meade, MD 20755
ATTN: AFZI-FE

Ft Ord, CA 93941
ATTN: AFZW-EH
Ft Polk, AL 71459
ATTN: AFZX-FE
Ft Richardson, AK 99505
ATTN: AFZT-FE
Ft Riley, KS 66442
ATTN: AFZN-FE
Presidio of San Francisco 94129
ATTN: AFZW-FE
Ft Sheridan, IL 60037
ATTN: AFZO-FE
Ft Stewart, GA 31313
ATTN: AFZP-DE
Ft Wainwright, AK 98731
ATTN: AFZT-FE
Ft Hunter, GA 31313
ATTN: AFZP-DEH
Ft Irwin, CA 92310
ATTN: AFZJ-FE

AMC
McAlester Ammunition Plant 74501
ATTN: SMC MC-ISF
Pine Bluff Arsenal 71601
ATTN: SMC PB-FE
Rock Island Arsenal 61201
ATTN: SMC RI-FE
Rocky Mountain Arsenal 80240
ATTN: SMC RM-ISF
Watervliet Arsenal 12189
ATTN: SMC WV-EH
Ft Monmouth, NJ 07703
ATTN: AMS EL-HI
ATTN: SHL HI-EH
Redstone Arsenal, AL 35809
ATTN: AMS MI-RA-FE
Selfridge Air Natl Guard, MI 48046
ATTN: AMST A-KYN
Warren, MI 48089
ATTN: AMST A-XWEP
Aberdeen Proving Gd, MD 21005
ATTN: STE AP-FE
Dugway, UT 84022
ATTN: STE DP-FE
Madison, IN 47250
ATTN: STE JP-LD-F
White Sands, NM 88022
ATTN: STE WS-IS-E
Yuma, AZ 85364
ATTN: STE YP-FE
Chambersburg, PA 17201
ATTN: SDS LE-SF
Anniston, AL 36201
ATTN: SDS AN-DAS-FE
Corpus Christi, TX 78419
ATTN: SDS CC-EF
Lexington, KY 40507
ATTN: SDS LB-LAF
New Cumberland, PA 17070
ATTN: SDS NC-AF
Pueblo, CO 81001
ATTN: SDS TE-PUA-F
Texarkana, TX 75501
ATTN: SDS RR-AE
Sacramento, CA 95813
ATTN: SDS SA-ACC
Savanna Army Depot 61074
ATTN: SDS LE-VAE
Lathrop, CA 95330
ATTN: SDS SH-AFE-C
Romulus, NY 14541
ATTN: SDS SE-AD
Hurlong, CA 96113
ATTN: SDS SI-FE

Tobyhanna, PA 18466
ATTN: SDSTO-AF
Tooele, UT 84074
ATTN: SDSTE-ASF
Flagstaff, AZ 86001
ATTN: AZND-DAS-FE
Hermiston, OR 97838
ATTN: SDSTE-UA-AS-FE
Tank-Auto Cmd
ATTN: AMST A-XE
Dover, NJ 07801
ATTN: SMC AR-ISE
Natick, MA 01760
ATTN: STR NC-DF
Granite City, IL 62040
ATTN: SAVAS-IF-C
Watertown, MA 02172
ATTN: AMX MR-T
Adelphi, MD 02172
ATTN: SLCIS-FE-ES

Defense Technical Info. Center 22314
ATTN: DDA (2)

85
05/88